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WALLACES' FARMER AND Iowa Homestead

Good Farming *Clear Thinking* *Right Living*

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JUN 11 1948
DETROIT

Store Hay In Silo

June Weather can change hay-making plans from chopped hay to grass silage. June weather can also change your corn crop. Read the story on June Weather, page 5; on New Haying Methods, page 14; on Grass-Legume Silage, page 8. The men above are chopping wilted hay to make high-protein, high-vitamin silage.

Count Borer Eggs on Corn . Page 9

Who Will Win in Primary? . Page 12

Want a Peace-Time Draft? . Page 16

Don't Guess on Corn Spray . Page 22

JUNE 5, 1948

IOWA'S LEADING FARM NEWSPAPER

You are our partners...

If any customer can be said to be more important to us today than any other . . .

Then, *you* are.

For, of all our customers, you have the biggest job to do . . . feeding not just a country, not only a continent, but half a world.

And you're *doing* that job . . .

By long hours of hard work that have increased food production 22%, since 1941!

By adding 59% more tractors than you had in 1941!

And by increasing, by 20% the number of days' work per tractor per year!

* * *

No men better understand your importance . . . to our national security and to any plan for world recovery . . . than the men who, along with you, draw their living from the earth.

We oil men know the importance of you soil men . . .

Because our oil and gasoline powers your 5,000,000 automobiles . . . your 3,000,000 tractors . . . your 2,000,000 trucks.

Because, millions of *you* light and heat your homes, run your refrigerators, warm your brooders and incubators . . . fertilize your fields, fumigate your soil, kill weeds and fungus and insects . . . with billions of gallons of *our* oil products.

Because, in planting and cultivating, in harvesting and bringing crops to market, *we* are *your* partners.

* * *

As your partners, we want you to know . . .

Since 1941, we have jumped our production from 162 million gallons of oil and gasoline a day to a refinery production of 250 million gallons a day . . . over 80,000,000,000 gallons a year!

But . . . with 3,000,000 more cars on the road than in 1946 . . . with 6 times as many diesel engines as in 1941 . . . with home oil burners being installed at a rate 3 times greater than in 1940 . . . with peacetime military use increased 7 times since 1938 . . . demand for petroleum products now virtually equals supply!

Regardless of this demand of 35,000,000 gallons more per day than during the peak of the war . . . America's oil companies are doing everything in their power to supply your needs.

And, further, as an individual producer, Continental Oil Company will this summer . . .

First, supply our farm customers, including transportation of farm products to market . . . and those activities essential to the public health and safety, and to the economic life of the community.

Second . . . distribute the rest of our gasoline supply among the remainder of our customers on the basis of past sales.

You need our help to reach your goal . . . we need your help in order to help you.

As partners in production we can, together, overcome today's great difficulties . . . *together* accomplish tomorrow's tremendous tasks . . . if each of us sees the other's need, and seeks his own in his partner's good.

CONOCO

L. F. McCollum

L. F. McCOLLUM, *President*

CONTINENTAL OIL COMPANY

$80,352,876

to bring MORE POWER to Iowa

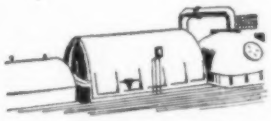
Iowa Business Managed Utility Companies invested $22,747,355 in Taxable property during 1947 and now plan $57,605,521 additional investment during the next two years.

FULL SPEED AHEAD

Reddy Kilowatt is racing to complete a giant expansion program in order to continue serving you adequately and economically.

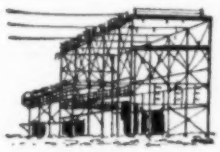
MORE and more electricity is needed to meet the growing demand on Iowa farms, in the homes and in the factories. To assure an adequate and dependable supply for work-saving electric power, a vast expansion program is now well underway. As materials have become available the state-wide network of power facilities is being enlarged and expanded.

Giant Turbines Are Being Placed in Service



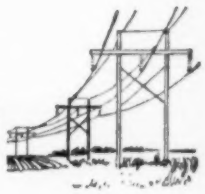
Reddy Kilowatt begins his job of serving you in the great power houses, where giant turbines produce electricity. Reddy is born in a turbine and 375,000 horsepower of added capacity will be available at the completion of the present building program. Added to the current capacity, that's a lot of kilowatts . . . enough to assure adequate power for all foreseeable needs.

New Sub-Stations Are Under Construction

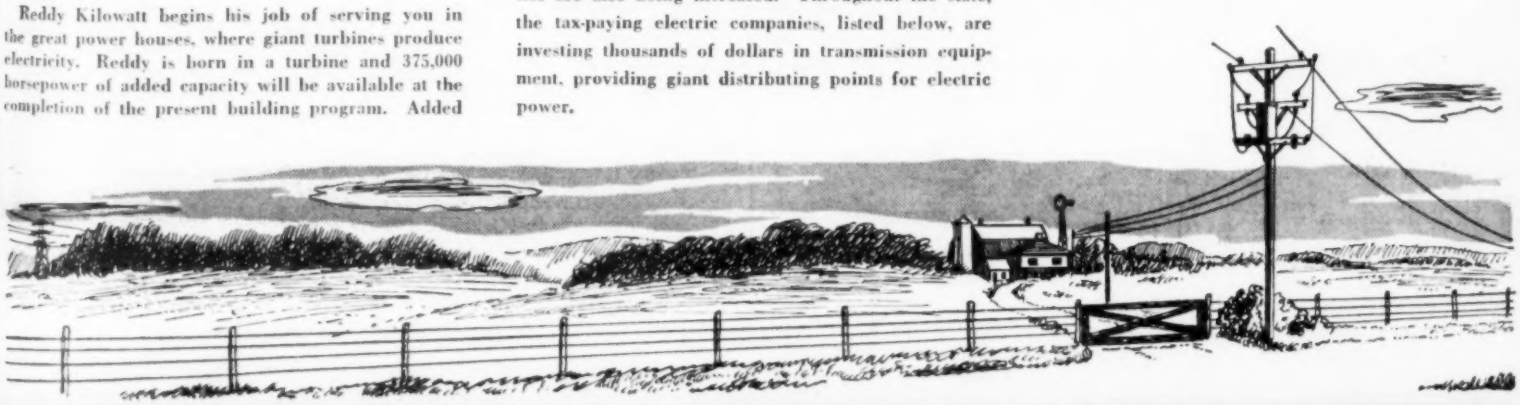


In order to continue delivering "Reddy's" services to your farm without interruption, transmission facilities are also being increased. Throughout the state, the tax-paying electric companies, listed below, are investing thousands of dollars in transmission equipment, providing giant distributing points for electric power.

Miles of Power Lines Will Bring the Convenience of Electric Service to Your Farm



This great building program will not only mean increased power for present customers, but many miles of new highlines will bring the convenience and economy of electricity to thousands of additional farm families.



A TIMELY MESSAGE FROM

THE ELECTRIC COMPANIES OF IOWA

PIONEERS IN RURAL ELECTRIFICATION

CENTRAL STATES ELECTRIC CO.
PEOPLES GAS & ELECTRIC CO.
INTERSTATE POWER COMPANY
IOWA ELECTRIC COMPANY
IOWA ELECTRIC LIGHT & POWER COMPANY
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY
IOWA POWER & LIGHT COMPANY
IOWA PUBLIC SERVICE COMPANY
IOWA SOUTHERN UTILITIES CO.
NORTHWESTERN LIGHT & POWER COMPANY

Reddy Kilowatt
The friendly symbol of the electric light and power industry.

JUNE!

A Great Month to SWITCH to a Great Name!

Kellogg's

CALF MEAL

• Want big, strong, husky calves? Put your calves on Kellogg's Calf Meal the very first week. In five weeks you can end the fuss and bother of bucket feeding . . . save time . . . save work . . . and *save up to 300 pounds of milk.*

It's easy to raise big-framed, rugged calves the Kellogg way. Just feed Kellogg's Calf Meal 50-50 with oats and plenty of legume hay, water, and salt. Kellogg's Calf Meal supplies just the right vitamins, minerals, and proteins to balance the ration and produce big-framed, solid calves.

Be *sure* to get extra palatable, extra-nutritious Kellogg's Calf Meal when you buy. Quality is assured by Kellogg's 40 years of nutritional experience. It's always a good month to switch to Kellogg's!

See the Kellogg Feed Dealer Nearest You

IOWA KELLOGG FEED DEALER LIST

ALEXANDER, IOWA Alexander Hatchery
AREDALE, IOWA Farmers' Elevator
ARNOLDS PARK, IOWA Salzcorn Hatchery
ATLANTIC, IOWA Atlantic Hatchery
AVOCA, IOWA Jorgensen Feed & Seed Co.
BANCROFT, IOWA C. A. Robinson
BEDFORD, IOWA Cudahy Packing Company
BLAIRSBURG, IOWA Farmers' Elevator
BLOCKTON, IOWA Cudahy Hatchery
BOLAN, IOWA (P. O. Grafton, Iowa) Art White
BOONE, IOWA Bowman and Son
BRISTOW, IOWA Pooley Elevator
BUFFALO CENTER, IOWA Bowen & Grupp
CHAPIN, IOWA Farmers' Elevator
CLARE, IOWA Farmers' Elevator
CORNING, IOWA Cudahy Hatchery
COULTER, IOWA Farmers' Elevator
DAYTON, IOWA Dayton Produce
DENISON, IOWA Henry Brockman Produce
DIAGONAL, IOWA Diagonal Hatchery
DOUGHERTY, IOWA Farmers' Elevator
DOWS, IOWA Farmers' Elevator
EAGLE GROVE, IOWA Farmers' Elevator
EARLHAM, IOWA Mohler Produce
EMMETSBURG, IOWA Emmetsburg Produce
EXIRA, IOWA Billy's Produce
FENTON, IOWA Farmers' Elevator
FOREST CITY, IOWA Bowen Market
FORT DODGE, IOWA Carroll Sales Co. (Distr.) 5th No. and 6th St.
FORT DODGE, IOWA Farmers' Elevator
FREDERICKSBURG, IOWA Fredericksburg Elevator & Prod.
GOODELL, IOWA C and P Grocery
GOWRIE, IOWA Dixon Hatchery
GRAETTINGER, IOWA Hansen & Son
GRAND JUNCTION, IOWA Hoover Produce
HAMPTON, IOWA Greenstien Produce
HARCOURT, IOWA Hackett Produce
HARLAN, IOWA Darling Hatchery
HAVELOCK, IOWA Leigh Produce
HOBARTON, IOWA (P. O. Aispena) Farmers' Elevator
HORTON, IOWA Horton Store
HUMBOLDT, IOWA Farmers' Elevator
IDA GROVE, IOWA Paulson Produce
IOWA FALLS, IOWA Dr. K. W. Schalk
JANESVILLE, IOWA Janesville Mill
JOLLEY, IOWA Peterson Produce
KAMRAR, IOWA Jaycox Hatchery
KANAWHA, IOWA Farmers' Produce
KLEMME, IOWA Bell Produce
LAKE CITY, IOWA Lake City Hatchery
LAWLER, IOWA Cooney Produce
LEHIGH, IOWA Lehigh Lockers
LONE ROCK, IOWA Cotton Hatchery
MALLARD, IOWA Crittenden & Henricks
McINTIRE, IOWA Burke Elevator
McCLELLAND, IOWA Farmers' Feed & Supply
MARATHON, IOWA Jones Produce
MISSOURI VALLEY, IOWA Block Hatchery
MONA, IOWA (P. O. Lyle, Minn.) Mona Grocery
MASON CITY, IOWA Carroll Sales Co. (Distr.)
NEILS, IOWA Neils Grocery
NEW HAMPTON, IOWA Chickasaw Equity Elevator
NORA SPRINGS, IOWA Anderson Produce
NORTHWOOD, IOWA Else Feed Store
OGDEN, IOWA Ogden Grain Company
OGDEN, IOWA Mengel Implement Co.
OSAGE, IOWA Brinks Store
OSKALOOSA, IOWA Lynn Hatchery
OTRANTO, IOWA Otranto Hatchery
OTTOSEN, IOWA Ottosen Creamery
PLOVER, IOWA Henderson Produce
POCAHONTAS, IOWA Mayberry Produce
RENARD, IOWA Farmers' Co-op Elevator
ROCKWELL, IOWA Farmers' Elevator
ROCKWELL CITY, IOWA Rockwell City Elevator
ROLFE, IOWA Lehman's Produce
ROWAN, IOWA Rowan Grain & Lumber Co.
SARATOGA, IOWA Lulbert's Feed Store
SOMERS, IOWA Farmers' Co-op. Elevator
STACYVILLE, IOWA Farmers' Elevator
STANHOPE, IOWA Rush Hatchery
THOMPSON, IOWA Bowen & Grupp
THORNTON, IOWA Farmers' Elevator
UNDERWOOD, IOWA Vern Bertelson
VENTURA, IOWA Mice Produce
WEBSTER CITY, IOWA Stafford Implement Co.
WEST BEND, IOWA West Bend Hatchery
WILLIAMS, IOWA Farmers' Elevator
WINFIELD, IOWA Cudahy Packing Company

FEED DEALERS!

Many orders for Kellogg's Calf Meal are coming in from areas where there are no Kellogg feed dealers. Cash in on this EXTRA business. Stock Kellogg's Calf Meal for your local trade. Order now! Write or wire.

KELLOGG COMPANY
FEED DIVISION OMAHA, NEB. BATTLE CREEK, MICH.

"First it's electricity—then running water, electric stove, etc., etc. Now it's a refrigerator. You've gotta stop reading 'Inside Stuff'!"

INSIDE STUFF

"NO, SIR, I'm not planting corn yet," said the Wisconsin farmer at the Lynxville locks. It was May 17, and I was to see corn up in Poweshiek county, Iowa, the next day, as I drove home.

▲ ▲

"TOO COLD," said the Wisconsin farmer. "My brother-in-law called me from Superior last night and said they had four inches of snow."

▲ ▲

THAT WAS HOW I got in two seasons of apple blossoms this year. The blossoms had gone at the time I left Des Moines. They came back in Clayton county, Iowa, and across the river in Wisconsin.

▲ ▲

THERE SEEMED to be at least two weeks difference between La Crosse, Wis., and Des Moines, Iowa. Maybe more in corn planting and sprouting.

▲ ▲

AT PIKE'S PEAK park, by McGregor, the trillium—with its umbrella of leaves sheltering a white blossom—was just starting to bloom. I was a week too early for it.

▲ ▲

AT THE LYNXVILLE lock, a steamboat was pushing a string of coal barges thru. I watched them split the string.

▲ ▲

YOU MEASURE time differently on the river. It took over two hours to get those barges thru one lock. A railroad man would go crazy on a barge line.

▲ ▲

IN THE ROLLING country of northeastern Iowa and southwestern Wisconsin, there still isn't enough done in erosion control. On too few farms, strips of sod on the contour help to hold the dirt in place.

▲ ▲

FOR THE FIRST time since 1920, I took the hill road from Garnavillo down to Clayton. The road is better than it was, but still steep. And thru one of the best bits of scenery in Iowa.

▲ ▲

AT GUTTENBERG, I enjoyed the beautiful park on the river front. Bellevue also has a good one. Not every river town makes use of its major asset.

▲ ▲

IN THE MAP in an immigrant's guide, newly reprinted by the Iowa Historical Society, I tried to identify the old towns. Where is Sinipee, Wis.? Ask the catfish in the Mississippi.

▲ ▲

WHERE IS Prairie La Porte? That's easier. Guttenberg used to be called Prairie la Porte. But that was long ago.

▲ ▲

BACK HOME, I found the raspberry crop was ruined. Almost all the bearing canes had winter-killed.

▲ ▲

BUT POTATOES and sweet corn are starting out well. And it looks like a real apple crop.

▲ ▲

ON A 600-MILE trip, I didn't see one farm man working in the vegetable garden. The women were doing it all.

▲ ▲

I REPORTED this to my wife. But she said: "Am I supposed to be surprised? What happens in our garden?"

DONALD R. MURPHY.

WALLACES' FARMER AND IOWA HOMESTEAD
(Volume 73—Number 11)

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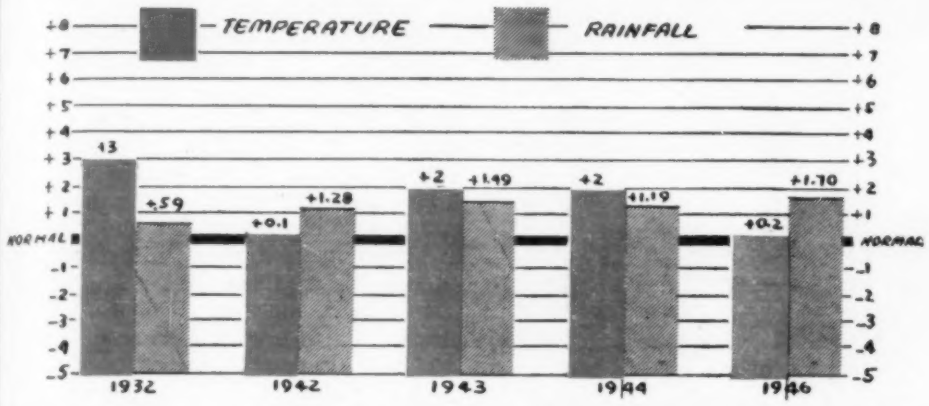
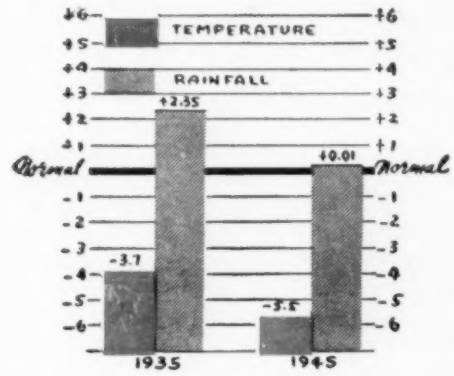
June Weather In Big Corn Years---Soft Corn Years



Big Corn Crops of the past 20 years followed the kind of June weather shown above. The solid column shows temperature in degrees, compared with long-time average. The lighter column is rainfall in inches, compared with average. It will be seen that temperature and rainfall were both always higher than normal for June in these years of big corn crops. But there were were no extremes in either case.



Wet Corn is made in years when June is cold. The solid column shows temperature in the two worst soft corn years in the last 20. Cold Junes have nearly always produced soft or high-moisture corn.

June Gives Tip On Corn Crop

Moderately Warm and Wet Are Good Signs--- Any Extreme, Bad Sign

"AS JUNE goes, so goes the corn crop." Farmers say that sometimes. And so do weathermen. The corn crops of the last 20 years, compared with June weather, support the statement.

So you can get hints about your 1948 corn crop from the weather we have each week now. Watch the temperature and rainfall as it compares with normal. Normal is the average for over 70 years of weather records.

Let's take a look at five years in the last 20 in which unusually big corn crops have been produced. They are 1932, 1942, 1943, 1944 and 1946. The Iowa average corn yield per acre for these years was 53.5 bushels.

Both temperature and rainfall in June were moderately above normal in each of the big corn years. Notice on the chart above the similarity in June weather in all these years.

So if this June turns out normal or above in temperature, and if rainfall is normal or moderately above, the stage is then set for a big corn crop.

Average June temperature for Iowa is 69.5 degrees. Rainfall average is 4.78 inches. Watch the daily weather reports for comparisons with normal.

Now what kind of a June may precede a bad corn year? Let's look at 1930, 1931, 1934, 1936 and 1947. The Iowa corn crop averaged about 27.9 bushels in these years. This is a little over half of the average in the good corn years.

Look at the chart at right. There is a tendency toward poor corn crops when June temperature or rainfall go far above or below normal.

In three of the bad corn years—1931, 1934 and 1936—June was hot and dry. In 1930, however, the June temperature and rainfall were not far enough from normal to indicate a particularly bad crop. It wasn't too bad, with an average of 34 bushels. July and August were very dry.

The freak year of the five poor corn years was 1947. Notice on the chart that the month was cold, with a temperature deficiency of 3.2 degrees. It was the wettest month of record, with surplus rainfall of 5.6 inches.

The stage was set in 1947 for soft corn. But a record hot August and a very late fall matured a 32-bushel yield. July and August were very dry as well as hot.

So it seems that June signs of a poor corn crop are high temperatures and low rainfall. Poor crops can come from other weather combinations, but hot and dry Junes have occurred in three out of five poor corn years in the last 20.

Soft corn years are best recognized in the pattern of June weather. Look at the chart at the upper right. June weather is shown for 1935 and 1945, which were the worst soft corn years in the last 20.

If June is cold and wet, chances are ten to one, according to past records, that corn will be soft. Moderately cool Junes indicate high-moisture corn.

You don't have to look up figures on weather and rainfall, however, to tell something about corn prospects. Look at the corn and check on how much corn cultivation is bothered by rains.

If the latest corn is knee-high at the end of June, and if corn cultivation has been held up by an inch or more of rain each week, a very good crop is indicated.

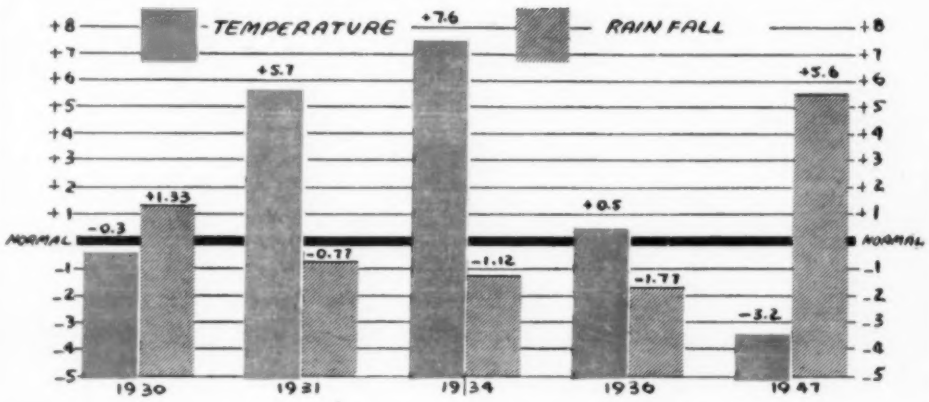
If June is very hot, and if you cultivate corn several times without rain, there's a good chance of a poor crop. Some of our worst drouths have followed hot, dry Junes.

If you sleep under covers every night in June; if corn isn't laid by until July; then it's time to think about temporary silos for soft corn, corn crib ventilators or corn dryers.

Isn't it true that good effects of warm June rains can be ruined by hot and dry weather in July and August? And can't good rains in July and August offset a hot, dry June?

The answer is "Yes." It has happened. But the percentage is against it.

June Weather In Poor Corn Years



Poor Corn Crops of the past 20 years have been produced after June weather, as shown above. In four out of five years, there were extreme variations in heat or moisture. Three out of five years were hot and dry. One year, 1947, was wet and cold. June extremes of any kind set the conditions for a poor crop.

Editorials

Don't Go By Hog Prices At Breeding Time

HOW many fall pigs are you raising? Usually, farmers cut down the number of fall farrowing sows by about 10 per cent whenever the corn-hog ratio is where it is now.

When it takes 10 bushels of corn to equal 100 pounds of live hog, a farmer figures the profit has gone out of feeding, and he cuts down.

Sometimes he is wrong. The corn-hog ratio today may be a lot different from that next fall. Back in the spring of 1925, it took 12 bushels of corn to equal 100 pounds of hog.

So farmers cut production of fall pigs by 9 per cent.

But the next winter, when those pigs were being fed, it took 20 bushels of corn to equal 100 pounds of hog. The farmers who increased fall pig production were the ones who made the money. Not the ones who cut down.

Since last November, Wallaces' Farmer and Iowa Homestead has been pointing out that the corn-hog ratio would be more favorable to feeders in the winter of 1948-49 than it has been lately.

We have urged the raising of more spring pigs and more fall pigs. Some farmers have followed our advice. They will make money.

In the future, let us remember this: Corn and hog prices at time of breeding don't tell you very much about future hog profits. You have to look farther ahead than that.

TO PUSH CORN

Many Iowa farmers, like Don Pullen, of Monona county, are using fertilizer with corn this year. They've found that commercial fertilizer speeds up growth, helps in the race to get the corn mature before frost.

In 1945, Iowa farmers used 16 times more fertilizer than in 1935-39. There were further gains in 1946 and 1947. This year will set a new, high record.

More Exports And Imports Help Pork

FARMERS want to keep export trade large because it helps them to make money on their products. Cotton and wheat people must sell abroad.

Hog and butterfat producers don't have much of an export market. But pay rolls in cities depend in part on export trade.

To keep city income high, and to keep farm income high, we need to sell more abroad and to buy more abroad.

How can we manage it? One way to keep up exports is to give the stuff away. We can trade it for worthless bonds, as in 1921-29. We can trade it for worthless gold, as in 1933-39. We can trade it for help in war, as we did in 1941-45.

But we'd all rather get something back. We'd like to import goods we can use. Those imports should pay for the things we send abroad.

We have two chances now to help get more exports and more imports.

The reciprocal trade agreement plan is up for renewal in congress. All this means is that the State Department, not congress, does the bargaining with foreign nations about tariff cuts. So far, the plan has worked pretty well. Leaving it up to congress didn't work at all.

Also, before congress is an international wheat deal. In the wheat deal, a number of wheat-importing countries say: "We won't go into the wheat business if you'll promise to let us have a fair amount of wheat at a price not over $2 a bushel for the next five years."

And the wheat-exporting countries say: "We'll supply you with what you want. But you'll have to agree that you will pay not less than $1.50 a bushel in 1948, or $1.10 in 1952, even if a bumper crop comes along."

It is a good deal both ways. It should be approved.

Why Not Talk It Over?

Better To Discuss Differences With Russia Than To Fight

WHEN two farmers get into a row, the neighbors usually say: "Why don't Jim and Bob sit down and talk the thing over together? That's a lot better than fighting."

When two nations get into a row, farmers say the same thing: "Why don't they talk things over? That's better than a war."

Russia and the United States have been engaged in what some folks call "a cold war." A lot of rough talk has been flying back and forth.

There has even been some talk about a real fighting war between the two nations.

That's why we are spending three billions more for armaments, and why congress is discussing the draft.

Most farmers would say: "Let's try talking before we start shooting."

Because farmers feel this way, many were sorry when President Truman, last January, turned down Russian suggestions for a peace conference.

THEY were happy later when our ambassador said to Russia: "As far as the United States is concerned, the door is always wide open for full discussion and the composing of our differences."

When Molotov answered, in effect: "O. K. Let's talk it over," that sounded like sense to farmers.

But the president and state department backed away from the council table.

A week later, Stalin offered to discuss points in dispute with the United States. And Stalin was turned down again.

That makes the third time since the first of the year that Russia has asked for a discussion of the dispute between the two nations. And it is the third time the United States has said "No."

To the world, this looks stubborn and stupid. And citizens of the United States wonder just why their government should act so queerly.

It is entirely possible that the Russian offers to talk things over are just diplomatic tricks. Maybe they don't mean business. Maybe it's just a bluff.

BUT the way to find out is to accept the offer and call the bluff.

Wallaces' Farmer and Iowa Homestead agrees with the statement our ambassador made to Russia:

"As far as the United States is concerned, the door is always wide open for full discussion and the composing of our differences."

That's good, old-fashioned American doctrine. But President Truman and Secretary Marshall have slammed shut that "wide open door."

We think they'd better open it again.

Horse Losing Out in Corn Planting

UNTIL this spring, you could say that the horse still had two jobs left on Iowa farms. He could help to haul manure in wet weather. And he could help to plant corn in the spring.

On many farms, one of those jobs was being snatched away from him by the tractor this spring.

Driving from McGregor to Des Moines in mid-May, an editor counted tractor planters and horse-drawn planters. The horse was away ahead in Clayton and Dubuque counties.

From Jones county on to Polk, it was about a tie. A tractor farmer had this explanation: "The tractor boys were all thru planting and had gone to town by the time you came along."

Farmers in northwestern Iowa report that tractor-drawn corn planters outnumber horse-drawn planters this year; in parts of southern Iowa, the horse still holds on.

One horse enthusiast in Humboldt county says he'll still keep his team. "Take a tractor to haul out manure in bad weather," he says, "and you'll make new ditches for spring rains to cut deeper. A team won't cut the ground up so much."

Black-Eye For Iowa Cattle Men

IOWA farmers who ship cattle out of the state for breeding or dairy purposes got a black-eye lately. About one-third of a shipment of 395 cattle to Virginia had Bang's disease.

Iowa law provides for health certificates when breeding or dairy cattle are shipped to farmers in other states. In this case, it was charged that the health certificates had been faked.

Two veterinarians have been suspended from practice by Iowa authorities. The Iowa Department of Agriculture and the Veterinary Examining Board are to be commended for this action.

Failure to observe the regulations as to shipment of diseased cattle into other states is a health hazard. People may get undulant fever from cattle that have Bang's disease.

It is also a business hazard for Iowa cattle men. It hurts the market for Iowa breeding cattle and dairy stock in other states.

Iowa farmers who sell cattle outside the state should support the state officials in enforcing this law. And the state officials should keep hunting hard for violators.

Egg Prices Up; Feed Down in Fall

RIGHT now, it takes five dozen eggs to equal a bushel of corn in value. What will it take next winter?

On the basis of November futures for eggs and December futures for corn, it will only take 3.3 dozen eggs to equal a bushel of corn then.

Poultrymen are losing money on eggs now. But they can make a profit next winter.

That's the way things look. If you hurry your late chicks along, they'll have a good winter.

Odds *and* Ends

THIS was the kind of May that can precede a bumper corn crop. Only, don't bet on it yet.

IT WAS fine to see corn up early in fields free from weeds. Now if June will just give us a break!

HOW easily plowed land bleeds in the spring! One week, a rain washes silt over the bottom wire of the fence. The next week, a wind is picking up dry dirt on the same field to make a dust storm.

"THE world is ruled by ideas, and you can not kill an idea by force. You can not fight communism by adopting its own methods. . . . There is a fundamental difference between the right to think and speak and the criminal act of undermining and seeking to overthrow our government."—Governor Dewey.

A FEW folks in Buenos Aires, Argentina, are getting a taste of Iowa sweet corn. Arthur Thompson, formerly of our staff and now agricultural attache of the American embassy, is growing hybrid Golden Bantam in his back yard there and passing it out to friends.

IN SPITE of the strike, storage stocks of pork were higher than usual last month. Packers, stocked up on pork before the strike, didn't unload nearly as much as most people thought they could.

"I TOOK a beating on heavy hogs last month," one farmer told us. "Next time, I'll sell when the hogs are ready, and not try to hold in the hope the market comes back."

NATION'S farm mortgage debt went up 2.2 per cent this last year. But Iowa's debt was cut 10.1 per cent. That's good, but not quite as good as South Dakota, whose farm mortgage debt was reduced 12.4 per cent.

NEW secretary of agriculture is Charles F. Brannan, of Colorado. Appointment was sensible because Brannan has been assistant secretary and knows the ropes. He is also highly competent.

HOG prices bounced up again after the strike ended. Queer thing to many farmers was why hog prices stayed so low while the strike was on.

HOW would you like to pay a social security tax and get an old-age pension from the government at 65? You may manage it, if congress follows President Truman's recommendations to let farmers into the social security program.

HIGH tariff men in the house of representatives are trying to wreck the reciprocal trade agreements by extending them for one year only. No other nation will bother to make a one-year agreement with us. It's a polite way of killing the program.

NEW wheat loan will be $1.96 a bushel. Market price is edging down that way now. If the crop picks up this month, the loan price may be the market price by harvest.

WHO said farmers were "too damned dumb to understand?" Every Iowan knows it was Charlie Curtis, of Kansas, in a speech at Spencer, Iowa. But the Saturday Evening Post, which should know better, pins the phrase onto Harry Hopkins.

HOPKINS, on the contrary, was the fellow who came out to Iowa in the fall of 1933 to find out what the farmers thought of the corn loan plan. He reported favorably to President Roosevelt, and Henry Wallace's ever-normal granary got a presidential boost.

PASTURES were a little short in Iowa in May, but the rest of the nation was better off than in May of 1947. The range was in fine shape both years.

CORN supply, before harvest this year, will be the smallest in years. Looks like 125 million bushels now. The prewar average, in ever-normal granary days, was 553.5 million bushels.

HIGH-PROTEIN feeds cost about as much as a year ago. Feed grains are up 30 per cent. Mixed protein supplements will pay their way better than ever right now.

PRICES of farm products and of nonfarm products are running neck and neck. From mid-April of 1947 to mid-April of 1948, farm products went up 8 per cent. Other products went up 12 per cent.

Song of the Lazy Farmer

ALTHOUGH I've known her 'most my life, I still can't understand my wife. Whene'er I sit around the house she says that I'm a lazy louse; she yowls at me for hours on end if I don't get outside and tend the stock or help at makin' hay, it makes me mad to hear her say, "I think you're scared of gettin' dirt upon your nice clean pants and shirt." But if I do get out and work some strange, mysterious female quirk makes her turn right around and roar, "Look what you've done to my clean floor, why must you get dirt on your feet, now you can stay outside and eat!"

There's nothing that is quite so strange as how a woman's mind can change. One day Mirandy will complain 'cause we've had weeks without a rain, and then when it begins to storm she's mad 'cause it ain't dry and warm. She'll buy a hat with greatest glee and then she'll go to church and see the same thing on some other head and whisper, "I wish I were dead." She'll point out gals with too much weight, then say that fatter ones look great; she changes ideas ev'ry day, I never know what I dare say. On just one thing she stays the same, and that is how I cause her shame.

Windrowing right after you have finished mowing slows down too rapid wilting and allows time on hot, sunny days to get hay into the silo before it becomes too dry.

Keep Leaves On Hay

Make Grasses, Legumes Into Silage

"I GET more feed, and more good feed, by using the silo than any other way," says Art Fox, Mahaska county, Iowa, dairyman. He has used a silo to store just about every crop that is grown on the farm.

Fox milks 30 cows, feeds some kind of silage in every month of the year except June. If you want to carry a lot of livestock, or if you want top milk production, he thinks you ought to use a silo to store part of your hay crops.

"I have made silage of alfalfa, sweet clover, red clover, corn, soybeans, and last year of a crop that was about one-third soybeans and two-thirds weeds. Even that made good feed," he says.

Art says that he can see a special advantage in putting forage crops into the silo. The only time you have to stop on account of wet weather is when it is actually raining so much you can't keep yourself dry, he says.

Grass or legume silage is not boosted entirely by the dairymen. H. G. Morse, a farmer of Iowa county, Iowa, uses a lot of brome-alfalfa silage in his cattle-feeding operations.

In addition to the quality of the feed which he secures, Morse is strong for conservation of the soil. The pasture he gets and the silage he stores from alfalfa-brome cut down on the acres of corn he needs to grow.

Grass or legume silage, when compared pound for pound, has a feed value around 80 to 90 per cent as great as that of corn silage.

Sometimes you stumble into using silage in an emergency. That was the case with A. Lamis, Sr., Mahaska county, Iowa, elevator man.

Lamis operates a farm, and a couple of years ago had a field of oats and sweet clover. The sweet clover had "taken" the oats.

"We cut the oats when they were pretty ripe and the sweet clover when it was pretty green. Actually, water ran out of the stuff at the cutter. We added about 500 pounds of ground ear corn per ton and it really made good feed," asserted Lamis.

"It made better than three tons to the acre," he continued, "and I would have had nothing if I had tried to harvest the oats," he said. He used the silage for steers.

James Davis, of Marion county, Iowa, used straight alfalfa for silage last year. "That silage came out looking just like grass," Davis says. "The cattle really liked the stuff, but the sheep didn't care for it."

Davis pointed out that the alfalfa silage settled a lot, so in the fall he refilled the silo with corn silage. No special feeding was required to change over from the corn to the alfalfa silage.

All of these men who have used forage crops for silage are boosters of the system. They do have a little advice on the subject. They all agree on these points:

You need a strong, air-tight silo. You need extra bands around the silo in order to take care of the added pressure. It's best to use a preservative. Good silage can be made with no preservative only if you catch the moisture content of the hay exactly right.

Unless you have or are able to hire good equipment in the way of a field cutter, wagons for hauling and a blower, there is too much hard labor connected with grass silage.

Back in the old days, Fox used to haul green hay to a stationary ensilage cutter. "That job would soon kill a man," he says.

Alfalfa to be used for silage should be cut when it is in the one-fourth to one-half bloom stage; red clover from the full-bloom to the one-tenth-brown-head stage. Cut oats in the medium-dough stage. Make silage of sweet clover when in full bloom.

Grasses such as blue grass, brome, timothy or red-top should be harvested in the late-bloom stage. Cut sudan grass just before it heads out. Make silage of soybeans when the beans are in the hard-dough stage, but the leaves still green.

Set the cutter for short lengths. Fox and Davis set their cutter at three-fourths of an inch, but that doesn't cut all of the stems that short. A cut of one-fourth to one-half inch is probably best, but hard to get.

To prevent spoilage, ground corn, oats, wheat, molasses or dried whey can be added. Most fellows put a wagon-load of the ground feed at the blower and add the grain to each load of silage as it comes from the field.

Molasses sometimes has to be diluted so it will flow from the container onto the silage as it goes into the blower.

Here are the amounts of preservative recommended by Iowa State College. You can use more grain if desired. Some fellows use more, figuring they'll have less to haul to the feed-lot next winter.

Use 100 to 200 pounds of ground corn, oats or wheat per ton of green forage, depending on the moisture content. If ground ear corn is used instead of shelled corn, put in 250 pounds per ton.

Molasses and dried whey call for about the same recipe. Liquid molasses weighs about 12 pounds per gallon. For grasses, use 40 pounds per ton; grass and legumes mixed, such as alfalfa-brome, 60 pounds.

For alfalfa and clover, add 80 pounds of molasses per ton; for soybeans, 100.

Don't cut too much hay at a time, or you may wilt the crop too much. Fox says two hours' wilting on a good day is about the top limit. If you windrow before you chop, have the rake right behind the mower.

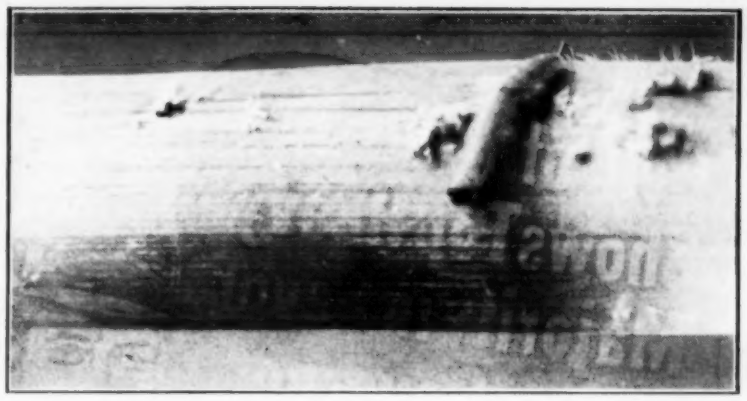
And the riper the hay is, the less time you should let it wilt. As a matter of fact, if it gets too ripe it might need some water.

One good suggestion that comes from Iowa State College crops men is to be sure the material in the top one-third of the silo is wilted only slightly. They suggest tramping the upper one-half to one-third of the silage. And advise putting four to six feet of heavy, chopped, unwilted silage on top. Keep the silage well tramped near the wall while it settles.

You can make hay silage in a temporary trench silo or a pit silo, just as you would corn silage. If you use a temporary silo, made from wire or snow fence, it will have to have plenty of reinforcement, of course.

You save the valuable leaves, you get approximately 15 times as much Vitamin A as in field-cured hay, and 20 per cent more protein.

And sometimes, if it's rainy, you make awfully good feed out of what otherwise would be a ruined hay crop.



Too Late to spray fields for corn borers when the fields look like the one in the picture at left. Maynard Johnson, Marshall county, Iowa, is looking at borer work in a 1947 field. Note holes in leaves, also that leaves hang down because borers have eaten mid-rib. Borers are in tunnels in stalks. Some stalks break because of tunnels.

Full-Grown corn borer is shown on a corn stalk in the picture at upper right of page. You usually have to dig the borers out of the stalks to get to see them at this stage. That's why spraying for corn borers must be done immediately after borers hatch and while they are eating holes in leaves as indicated in picture at left.

Count Borer Eggs On Your Corn

Pays To Poison Pests If You Find Fifty Egg Masses On 100 Stalks

CORN BORER moths are within flying distance of your corn fields if you live east of the Missouri river. The egg-laying moths may now be flying over your fields at night.

These moths lay eggs on corn leaves. From these eggs, tiny worms—one-sixteenth-inch long—will hatch. The young borers will chew holes in the corn leaves for a while and then bore into the stalks.

There is only one way left to stop corn borer damage this year. That is to poison the borers with spray or dust. This is all new. And farmers are asking questions.

What's the chance of corn borers hurting my corn?

The annual count of corn borers in old stalks revealed that 37 Iowa counties had more than one borer per stalk. Every Iowa county had some borers.

Borers living in old stalks were plentiful in northern Illinois and southeastern Minnesota, too. Some have crossed the Missouri river.

It could be estimated that farmers plowed under one-half of the old corn stalks and killed the borers in them. That is a high estimate when the big oat acreage is considered.

Still, there could be a moth hatch from one-half of the old stalks. As each moth can lay 400 eggs, the borer increase could be enormous. All farmers should be on the alert.

Should a farmer plan to spray or dust all his fields of corn?

That will rarely be necessary. Borers usually concentrate on the earliest corn.

The first thing to do is to learn to know borer eggs when you see them. Look on the underside of the leaves in your early corn. The egg mass may be less than one-quarter-inch long. It is white at first. Eggs lap over each other like fish scales.

If you find 50 egg masses per 100 stalks of corn, get ready to spray or dust, says Harold Gunderson, Iowa State College entomologist. Minnesota entomologists agree.

George C. Decker, Illinois entomologist, says be ready to spray or dust if 100 egg masses per 100 plants are found. They've had the corn borer longer in Illinois, and spraying for borers was tried there first.

When should the corn borers be poisoned?

Borers must be poisoned between the time they hatch and the time they tunnel into the stalks. So the first thing is to watch for signs of hatching.

As the borer eggs are about to hatch, a black spot will show up on each egg. That is the head of the young borer.

If one application is to be made, spray or dust about 10 days after the first hatch is seen. If two applications are to be made, the first should be seven days after the first hatch, and the second application one week later.

Two applications will do much the best job of killing borers. But one may give fair control, the entomologists say.

What is the best drug to poison corn borers? How is it applied?

DDT and Ryania are the only tried and proved materials for killing borers, says Decker. (Ryania is the name of a group of tropical plants, similar to rotenone.)

Sprays stick better than dusts, entomologists say. Ground equipment is favored over airplanes. However, good kills have been made with dusts from planes.

How much DDT or Ryania should be applied for poisoning borers?

If you choose DDT, apply from one to one and one-half pounds of actual DDT per acre. This might be three pounds of 50 per cent DDT wettable powder in 100 gallons of water per acre, H. E. Milliron, of the Minnesota station, suggests.

"The safest sprays to use," Gunderson says, "are DDT wettable powders and colloidal solutions. Next come DDT xylene emulsions, followed by emulsions made with less volatile elements."

Gunderson warns that oil solutions may burn the corn if it is growing rapidly. DDT itself does not hurt corn. Milliron warns that sprayers using wettable powder solutions must have agitators.

If Ryania is selected to kill borers, Milliron advises this dosage: Apply 40 pounds per acre of 37 per cent Ryania as a dust. Or, apply four pounds of pure Ryania per acre in 100 gallons of water.

The essential thing is to get one to one and a half pounds of DDT or four pounds of pure Ryania on each acre of infested corn. And get it on when the borers are on the leaves. Try not to put the poison on just ahead of a big rain.

Will spraying corn for borers pay? What is the cost per acre? How much damage to corn will be prevented?

The actual cost of DDT may be $1.25 to $1.50 per acre, entomologists say. To that you must add the cost of application. On a custom-work basis, the Minnesota station suggests the cost may be $3.50 to $5 per acre. This is for one application of DDT. Ryania may cost more.

Under best conditions, Gunderson reports 90 per cent control by DDT. But of 11 fields in central Iowa in 1947, some treatments were failures, and the average control was 29 per cent.

Decker says that 100,000 acres of corn was sprayed or dusted for borers in Illinois in 1947. He says 90 per cent of farmers were pleased with results.

There are risks in rushing into spraying or dusting for borers. The cost is rather high. A bad storm can wash the poison off of the corn before it kills the borers.

Sometimes, the borers are washed off the corn by a driving rain, too. Or, Decker says, hot, dry weather at the right time may stop the borers without poison.

But spraying may bring good returns if done at the right time and restricted to your worst-infested fields.

POLITICAL ADVERTISEMENT. POLITICAL ADVERTISEMENT.

Poll of Weeklies Shows Top Heavy Majority in Favor of Our Governor

Eagle, Eagle Grove, Iowa

FROM ALL OVER IOWA

EDITORS PRAISE

Bob Blue's Administration

Iowegian
Centerville, Iowa
He is usually attacked because he has tried to save the public money instead of spending it.

Register
Oelwein, Iowa
Gov. Blue has many accomplishments to his credit, but we believe one of the outstanding jobs he has done, and he has worked hard to get it completed, is diverting funds from the state treasury back to the debt-ridden municipalities.

Opinion Tribune
Glenwood, Iowa
Governor Blue in our estimation of his administration has done an excellent job as Governor of the Hawkeye State.

Washington Evening Journal
Washington, Iowa
He has proved himself to be an honest, conscientious, hard working governor, and the experience he has accumulated will be valuable in his next term.

Gazette Tribune
Sibley, Iowa
He is governor of all the people and desires to be fair and impartial with all interests and work for the general welfare of all the people of Iowa.

Hawkeye Record
Mount Vernon, Iowa
It is very likely that Governor Blue has won the support of many voters by his resistance to pressure groups and wild spending. This is a little out of the ordinary when many politicians favor reckless spending of money if they think it will help them to get votes.

Mail
Sheldon, Iowa
In the opinion of the Mail he has attempted to be fair to all factions, although he has not expressed the views of this paper in all matters.

Journal
Lansing, Iowa
. . . Perhaps it is this sincere interest and devotion to duty that has caused him to step on the toes, now and then, of certain officials.

Mirror
Clear Lake, Iowa
He's been a good governor . . . the common people and the men and women who cast the votes have liked him.

Sentinel
LeMars, Iowa
He has not aligned himself with any group or faction and has endeavored at all times to serve the best interests of the entire state.

9 Reasons

WHY IOWA'S FARMERS ARE FOR BOB BLUE

Over 40 million dollars for construction of secondary and primary roads. . . . Increase of farm-to-market road system from 10,000 to 34,951 miles. . . . Plans for a greater road building program are being made. . . . The State collects no tax on our farm property. . . . State aid to school increased to $12,980,000. . . . State cooperation in soil conservation programs. . . . Increased social welfare benefits. . . . Approved local hospital building program. . . . Two and a half million dollar lake program. Yes, Iowa farmers have benefited from Bob Blue's program for BUILDING A GREATER IOWA.

Bob Blue knows farmers' problems. He owns and operates his own 160 acre farm near Eagle Grove.

VOTE FOR

GOV. ROBERT D. BLUE

REPUBLICAN PRIMARY

MONDAY, JUNE 7

BLUE FOR GOVERNOR CLUB

This Barn was planned and constructed by Ray Dyer, a Marion county, Iowa, farmer. He moved to town, but he found that he couldn't part with all of his purebred Aberdeen Angus.

Handy Barn Makes Chores Easy

This Marion County, Iowa, Farmer Has Moved To Town, But You Can't Say He Has Retired

WHEN Ray Dyer, Marion county, Iowa, first shows you his beef cattle barn, you don't know whether to be most impressed by its design, or with the reason he had for building it.

The barn is in the little town of Pleasantville, on a six-acre tract. And it is a labor-saver. Dyer's lifetime of farm experience went into the planning and construction of the small barn. He knew where he wanted to save steps.

The reason for building the barn is important, too. Dyer moved to town in 1942. And, as he puts it, nothing kills a farmer quicker than quitting.

Dyer didn't want to sit around with nothing to do. So, even before building a new house, he built the barn. The new house won't be finished until this summer.

Dyer looks after the farm he owns, and kept one grass 80 to operate himself. This 80 acres has a spring and a shed. There, Dyer runs his purebred Angus cows and calves during the summer.

In the winter, he takes care of the cattle at his acreage.

On the coldest days, he can do all his chores and never get out in the weather. That is why he built his barn. He loves Angus cattle. Like all good farmers, he hates to quit. So he can do his work the easy way now.

Using chopped hay and bedding, the hay-mow of the barn has enough room so space for a grain bin and corn crib can be spared at the west end of the mow.

An elevator outside the barn is used to fill these bins. Chutes lead to the ground floor, where the feed can go thru a hammermill and blower. This blows the ground feed back to another set of bins in the center of the mow.

Chutes from these bins come downstairs right in the middle of things, so it is handy to feed all the pens of cattle. At one side of the ground-feed chutes, Dyer has built some big bins for protein.

His manure carrier runs thru the shed on the west end of the barn. Then it curves down the central alley-way past the smaller pens. There is a water tank in the west end of the barn. And there is a creep for feeding the calves.

Let gravity do the work, says Ray Dyer, Marion county, Iowa. The bins at the right are used for commercial feeds.

"I moved to town in February of 1942, and I still have my first day to go uptown to loaf for lack of something to do," Dyer asserts with some pride. "And I don't really work; I just get some exercise. And the cattle make a little more."

As you leave after looking over this handy, well-planned barn, you are still wondering which is the more important — the design of the barn or the fact that this man has moved to town, but stayed close enough to farming to be happy, and that he is busy enough to keep healthy but not too busy to enjoy life.

Procter & Gamble's Amazing New

DISCOVERY

means a new kind of washday for you!

IT'S TIDE

. . . you've never used anything like it!

Discovered as a result of wartime research, Tide does *what's never been done before*—washes clothes cleaner than any soap, yet leaves colors brighter! The minute you put Tide in water, you'll know it's completely NEW! Tide gives oceans of instant suds—even in *hardest* water! And those wonder suds *look* different . . . *feel* different from any soap you've ever used! Only Tide can make all these promises:

1. Washes clothes cleaner!

Yes, cleaner than any soap made! Even greasy overalls and grimy work shirts come cleaner! Tide not only leaves clothes free from ordinary dirt, but actually removes dingy soap film, as well. That's why Tide washes *cleaner*.

2. Actually brightens colors!

By removing cloudy soap film, as well as the ordinary dirt, Tide makes soap-dulled, faded-looking colors perk up like magic! You can *see* the difference!

3. Never "yellows" white things!

Tide is a whizz for keeping all your white things sparkling white, week after week! Tide can't turn them yellow, no matter how often they're washed or how long they're stored!

4. Gives more suds—

Prove it in your dishpan!

Kind-to-hands suds! Faster suds! Longer-lasting suds than any soap in *hardest* water! Tide cuts grease like magic . . . washes dishes cleaner than any soap! No scum in the water! No cloudy film on dishes and glasses! That's why they rinse and dry so *sparkling clear!*

A Hymosol Product

EXTRA miracles in hard water!

Tide's performance in hard water is so amazing, you have to *see* it to believe it! Oceans of rich, long-lasting suds billow up instantly—even in *hardest* water. No water softeners needed—*Tide does it all!*

TIDE'S IN— DIRT'S OUT!

TIDE IS A WONDER FOR CLEANING MILKING UTENSILS, TOO . . . QUICK! EASY! NO SCUM OR MILKSTONE!

SERVICE-SALES
MM
MINNEAPOLIS-MOLINE
POWER & MACHINERY

SIGN OF
NEIGHBORLY NEIGHBORHOOD SERVICE
BY MASTER MECHANICS
USING GENUINE MM PARTS

The superior performance of an MM Modern Machine is the sum of the performance of all its parts. Inferior or ill-fitting replacements *lower* its output, *cut* its efficiency, *up* its costs. Farming with "hybrid" machinery is farming with *crippled machinery!*

At those infrequent times when MM MODERN MACHINES, VISION-LINED TRACTORS, and POWER UNITS require servicing, your MM Dealer is equipped to do the job *right . . faster . . better!* He has parts, service, "know-how", and experience matched to the quality design and performance of your dependable MM Modern Machines!

PARTS
Precision-engineered replacements, genuine MM parts of unyielding high standards have closer tolerances, more exact fit. They're machined to strict specifications . . the *only* parts just right for your MM Modern Machinery.

SERVICE
Prompt, courteous attention to your needs assures fewer lost hours in the field. Thousands of MM Dealers are conveniently located for thorough, exacting service. There's a Dealer *near you.*

EXPERIENCE
The skill of MM engineering is at your service! For the highest standards of workmanship — by craftsmen factory-trained the MM way—see your friendly MM Dealer!

FOLLOW-THROUGH THAT MAKES THE PROFIT DIFFERENCE!

The name you can depend upon—MM! Farmers everywhere know MM by its complete, reliable Dealer service. When you buy MM you are investing, too, in the assurance of continuous follow-through. For friendly and excellent service look to your MM Dealer.

SCRAP—Remember, too, that you can help produce more Modern Machinery for the farmer by getting all your available scrap steel and iron back into production channels—by selling it to your local scrap dealer at prevailing prices.

MINNEAPOLIS-MOLINE
POWER IMPLEMENT COMPANY
MINNEAPOLIS 1, MINNESOTA

A WALLACE-HOMESTEAD POLL

She Isn't Sure yet how she will vote in Iowa's Republican primary, June 7. And 39 per cent of farm women were as uncertain in early May as Mrs. Loren Hanna, Davis county.

Doubtful Votes To Decide Primary

Blue Had Lead Over Beardsley in May Poll, But One-Third of Voters Were Still on Fence

ON MAY 10, when the interviews for this Wallace-Homestead Poll were completed, both Beardsley and Blue had a chance to win the farm vote.

Early in May, Blue was leading with 37 per cent of the farm vote. Beardsley had 30 per cent. And 33 per cent of the farmers didn't know just which way they would jump.

The Poll asked first whether the person interviewed expected to vote in the Republican primary. Almost 90 per cent of the folks who voted for Dewey in 1944 said they planned to vote June 7.

Apparently, a lot of rebel Republicans who voted for Roosevelt in 1944 are coming home to the party, at least for the primary.

Of the Dewey voters of 1944, Governor Blue had the bigger share. Beardsley was doing better with the independent Republicans who voted for Roosevelt in 1944.

Sectionally, Beardsley had the lead in the farm vote in his home area of southern Iowa. In the rest of the state, the race was nip-and-tuck.

Northwestern Iowa, home of the ballot-scratchers, had the biggest block of doubtful votes. Half the folks interviewed in the cash corn area were not sure how they'd vote.

There were a lot of votes up that way to be gathered by the organization that put on the most vigorous drive in the last days of the campaign.

The Wallace-Homestead Poll, as usual, reports on the farm vote only. No attempt has been made to measure the vote in the towns and cities.

Sometimes the state goes the same way as the farm vote. Sometimes it doesn't.

What the Poll shows is that Blue was leading, on the farm, by a small margin, in early May. Campaigning in the last two weeks could change the picture.

Farm Vote on Blue-Beardsley

"If you vote in the Republican primary on June 7, which of the two candidates for governor will get your vote?"

(Figures in Percentages)

	Total	Men	Women	21-29 yrs.	30-49 yrs.	50 yrs. and up
Robert D. Blue	37	37	36	45	29	43
W. S. Beardsley	30	33	25	24	31	31
Undecided	33	30	39	31	40	26

The Way To Better Things For Your Farm

"Good Farmkeeping" helps you get new equipment, new outbuildings, more conveniences for your family, for "Good Farmkeeping" is just good business — applied to *your farm*. It means making the best use of your land, your equipment, and taking advantage of all the specialized services that are available to help you.

One of the most important of these is D-X Farm Service. Your friendly D-X Farm Serviceman is an "extra hand" who helps you get your farm machinery and equipment in shape and *keep* it in shape to do a better job. He's a lubrication specialist, and very often his knowledge of machinery and equipment will save you costly repair jobs by helping you keep your equipment properly lubricated.

You'll find that your D-X Farm Serviceman is also a dependable supplier of D-X and Diamond Motor Fuels, Oils, Greases, Lubricants, and Farm Specialties. Start on the road to "Good Farmkeeping." Call your nearest D-X Bulk Station today and ask to have the friendly D-X Farm Serviceman call at your farm on his next trip.

FARM D-X SERVICE

MID-CONTINENT PETROLEUM CORPORATION

Waterloo, Iowa Terre Haute, Ind. TULSA, OKLA. Chicago, Ill. Omaha, Nebr.

RESULTS PROVE OUR WORDS!

The De Laval Milker advertisement above, which appeared last year, told how Indian Spring Farm, Darlington, Md., owned by Mr. Charles W. Collier, had changed to the De Laval Magnetic Speedway Milker and discarded their previous make of milker.

At the time he changed to the De Laval Magnetic Speedway Mr. Collier said: **"We wanted to establish an absolutely uniform pulsation rate which cannot be changed by the individual operators. This cannot be accomplished with non-magnetic type milkers."**

Mr. Collier wished to give his herd and his improved breeding program, involving the use of proved sires, every opportunity to achieve maximum production by establishing a system of uniform milking.

Now let's see what actually happened. For the year 1946 on 2X milking the 200-cow Indian Spring Farm Jersey herd averaged 422 lbs. of butterfat per cow with the other make of milker. For 1947, also on 2X milking, the 200-cow herd averaged 478 lbs. of butterfat with De Laval Magnetic Speedway Milking!

That's a gain of 56 lbs. of butterfat per cow — or a total of approximately 11,200 lbs. over the entire herd!

So again we say: **"Right, Mr. Collier! Uniform pulsations mean more production, more profits!"**

Results prove our words.

When are YOU going to change to THE NEW DE LAVAL?

"magnetic heart"

ONLY DE LAVAL

Only the De Laval Magnetic Speedway Milker gives you the "Magnetic Heart" which assures UNIFORM milking and which means the highest milk yield per cow and greatest profits.

De Laval
THE DE LAVAL SEPARATOR CO.
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The De Laval Separator Company, Dept. 44-I
165 Broadway, New York 6, N. Y.
Please send me printed matter on:

- ☐ De Laval Milkers
- ☐ De Laval Separators
- ☐ De Laval Freezers
- ☐ De Laval Water Heaters
- ☐ De Laval Milking Truck
- ☐ De Laval Can Hoist

Name_____
Town_____ RFD_____ State_____

DETROIT PUBLIC LIBRARY

Chopped Clover hay is being stored in this temporary snow fence "silo," on the farm of A. E. Pierce, in Louisa county, Iowa. A tractor buck brings the hay to the cutter.

Now You Can Make Better Hay

Balers, Choppers, Barn-Curing Equipment All Save the High Protein Leaves in Hay

FARMERS say two things are wrong with the way they have to make hay. Hay-making takes too long, too much hard work. A bad spell of weather can turn the leafy, high-protein hay crop into a discolored bunch of stems.

It's a lot easier to take some of the hard work out of hay-making than it is to lick the weather.

First of all, forgetting about the weather for the moment, hay has to be mowed and put in the windrow. From there on you have a wide choice in handling it.

Tractor buck-rakes and stackers have speeded up the process and eliminated much hard work. They work best on hay stored in the field. Sometimes, on short hauls, buck rakes can be efficiently used to move hay to the barn.

Pick-up balers cut the manpower requirements and speed up the job. Any system that gets hay put up more quickly is one step toward licking the weather.

Several ideas lessen hard work in handling baled hay. One is loading bales onto low, flat-bed trailers direct from baler. The other is a pick-up bale loader. This machine loads bales from the ground.

Sometimes an elevator is used to put bales in the barn. Grapple forks or slings move several bales at a time. It's hard work to boost bales in by hand. Given a break on the weather, pick-up baling saves a lot of the valuable leaves.

Field chopping of dry hay and blowing it into the barn probably is the fastest and one of the easiest ways to make hay. You don't lose many valuable leaves that way. It's not as nice as baling if you want to market the hay or move it from one building to another.

While it's fast, it can be a dirty job after red clover windrows are rained on a few times. Each plan, as you go down the line toward faster hay-making, requires more expensive equipment. But the field chopper and blower can't entirely be charged against the cost of hay.

Both are valuable for other jobs. A blower is handy for moving grain or feed. You can keep a chopper pretty busy if it has cutter-bar and row-crop attachments.

"The first year you may use a chopper just for hay. Then you decide to chop bedding. Then you cut grass-legume silage or corn silage with it, and the thing is busy all the time," says Art Fox, Mahaska county, Iowa.

Livestock raisers, short on bedding, use choppers on bean straw or follow the corn picker with it. Either corn or bean stalks chop up into good bedding.

But you still haven't licked the weather. Waiting out a rainy spell before you mow your hay may let it get so ripe you lose a lot of protein and quality.

If you have the equipment you can barn-cure either chopped or long hay. Handling long hay that isn't dry is a man-killing job. Most barn-curing is done on chopped hay. That means a special curing building or remodeling the mow floor. Besides the chopper and blower, it requires a big fan.

Heat isn't needed to cure hay. It is required in a unit you wish to use for both hay and grain.

By blowing lots of air thru hay in the mow, you get high-protein, leafy feed. Leaves remain because you put the hay in the mow while tough.

Of course, rain can hurt quality of hay before barn-curing. This system doesn't make first-class hay out of ripe, stemmy material.

But hay doesn't have to dry entirely after a rain. It may get dirty, but lots of leaves hang on till it gets dry enough to shatter. It's in the mow getting air thru it before then.

Men with lots of stock can afford to study their system of hay-making pretty carefully. For the livestock man, hay is a valuable crop. By improving the quality and the protein content of your hay, you can increase production on your own place.

OUTSIDE STUFF

ART Fox, a Mahaska county, Iowa, dairyman, has two 16x40-foot silos. He thinks they're about the most important buildings on his place.

• • •

FOX uses lots of grass-legume silage. He usually feeds his cows silage 11 months out of the year. He says pastures are usually good in June, and it's hard to feed enough silage to avoid spoilage during June, so he skips that month.

• • •

WITH continued good weather and crops up to predicted levels, we may be up to our chins in feed this fall. If that happens, fall pigs are likely to make plenty of money.

• • •

IF WE get the expected crop, 1948 fall pigs may be the last high-priced ones you will sell for a while. Because a huge corn crop will be followed by a huge and a much cheaper 1949 spring pig crop.

• • •

HOWARD Schwieger, Franklin county, Iowa, farmer, vaccinated his young pigs for colds and pneumonia. He says his vet told him that white scours isn't so apt to kill the pigs as it is to weaken them. Then they are easy prey to colds and pneumonia — which do the killing.

• • •

WINNERS in this paper's Iowa Meritorious Sire Contest keep appearing in the news. One of the 1946 awards went to Wapun Homestead Rex, in the Holstein herd of W. F. Poorman. That Polk county herd is the third in Iowa to receive the Progressive Breeder's award.

• • •

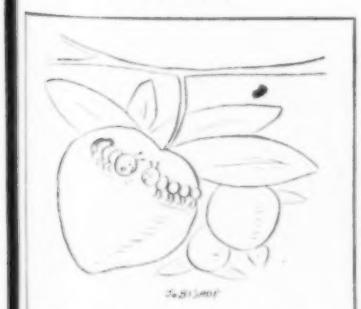
THE bull which won the award is now owned by the Eastern Iowa Artificial Breeding Association. Recently he was named a Medal production sire.

• • •

A 1947 winner, Old Farmstead Leader, owned by Will Oelrich & Son, Fayette county, has been leased by Tri-States Breeders Co-op, Westby, Wis.

• • •

DONALD Oelrich says they have 11 heifers and 13 bulls from Leader. Nearly all of their herd is bred back to him. Actually, the co-op will buy the bull if he works well in artificial service. Records of his daughters make him a very likely prospect for the improvement of most Guernsey herds.—W. D. Inman.



"Boy, am I sick! . . . Been eating green apples!"

HOW To Keep Machines at Work Out of Trouble!

CLEAN ENGINE! Help keep parts free of deposits that can cause fuel waste, costly repairs, with world-famous Mobiloil!

CHECK UP GEAR CASES! Be sure to keep clean, tough Mobilube Gear Oil at proper level!

COOL DOWN HOT SPOTS! Safeguard friction points against heat, pressure—seal out grit, water, with Mobilgreases that *stay put!*

Mobil Mobilgas FARM LUBRICATION

Farmers Everywhere Find this Proved Protection Saves Lay-off Time — Maintenance Cost!

ON THOUSANDS of farms from Coast to Coast, Mobil Farm Lubrication is paying big dividends. And with good reason . . .

It offers famous-brand farm products, backed by 82 years of experience—endorsed by 72 of the country's biggest farm equipment builders!

And your friendly Mobilgas-Mobiloil Man delivers *right to your door!* Get his expert service now!

Mobiloil
Mobilgrease
Mobilube Gear Oil

SOCONY-VACUUM OIL COMPANY, INC., WHITE EAGLE DIVISION

Plenty to Eat...BUT NOT ENOUGH NOURISHMENT

The supply of plant food in your soil is just as important to livestock as it is to your crops. And when the supply of plant food in the soil producing feed crops is low, you'll see the result in less meat production per acre.

Nitrogen—one of the most important plant foods—is also one of the most easily exhausted plant foods. Feed crops grown on land that is deficient in nitrogen do not have as high food value for livestock as feed produced from soil that has a balanced supply of plant food. As a result, livestock profits are lower.

Right now, only one acre in 38 is "breaking even" on its supply of plant food from year to year. Only one farm in 1,000 is receiving as much plant food through fertilizer each year as crops and livestock take away.

Your best insurance against decreasing profits in livestock is good pasturage. You can provide it by keeping the supply of plant foods—including nitrogen—in your soil at the most economical levels possible. Your farm adviser can tell you how.

Right now, more farmers want Spencer Hi-Nitrogen Agricultural Products than we can supply, and appreciable amounts must be sent abroad to war-devastated countries. In time we'll be able to meet all your requirements. Until then, remember the name—Spencer Hi-Nitrogen—and ask your dealer to tell you when he has some.

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FREE *This coupon will bring you additional information about Agricultural Nitrogen*

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HI-NITROGEN AGRICULTURAL PRODUCTS

A WALLACE-HOMESTEAD POLL

Reviving Draft is O. K. with Leonard Regur, Van Buren county, Iowa. Farm men were 48 per cent with him.

Do You Want Draft In Peace-Time?

Older Iowa Farmers Object, But Selective Service Wins 44 Per Cent of Total Vote

IF YOU were a congressman from Iowa, how would you vote on the draft bill? If you tried to follow farm sentiment, you would have trouble.

For Iowa farmers are 44 per cent for the draft, 29 per cent against and 27 per cent undecided.

Draft supporters have the most votes. But not a majority. And if the undecided shifted to the "No" vote, the final majority might be the other way.

A Republican congressman has a further problem. Republican voters are less in favor of the draft than Democrats.

Republicans are 41 per cent for the draft, 34 against and 25 undecided. That's pretty close.

Biggest group against draft are folks 50 and over—the ones most likely to have boys of draft age.

Vote in this group was 34 per cent for the draft, 40 against and 26 undecided.

Women voted about like men, but more were undecided. Young folks 21-29 — many veterans or married to veterans—voted 56 per cent for the draft.

This was the only group that gave the draft a majority of all votes cast.

Democrats were more favorable to the draft than Republicans. Democrats gave the measure an approving vote of 47 per cent, while Republicans were only 41 per cent in favor.

Farm people interviewed spoke up loudly on this issue. Here are some comments:

"I favor selective service. But I mean select those who haven't served. Forget about dependents.

Vote On Selective Service

"Congress is considering revival of the selective service act, so that young men, 19 to 25, and without dependents, will be taken into the armed services for two years. What do you think about it?"

(Figures in Percentages)

	Total	Men	Women	Dem.	Rep.
Favor selective service	44	48	42	47	41
Object to it	29	31	25	26	34
Undecided	27	21	33	27	25

Objects to draft. Mrs. Robert Evans, Davis county, and 25 per cent of women do not want revival of selective service.

as those guys picked up dependents while dodging the draft before."—Farmer, Audubon County.

"Selective service is all right if they take all the young men. I think it is so wrong to take some and leave others."—Farm Woman, Guthrie County.

"Ought to keep up the army."—Farm Woman, Appanoose County, whose fifth son would be eligible for new draft.

"Sure, I'm for it, as long as I don't have to go back."—Veteran, Audubon County.

"I favor selective service revival, so if war is declared, we'll have a better trained army."—Farmer, Woodbury County.

"I sure hate to see the revival of selective service, but if we must threaten Russia, we will have to be prepared to back up threats."—Farmer, Chickasaw County.

"I'm a mother, so I'd hate to say whether a boy should go or not. If it was my boy, I'd probably object." — Young Renter's Wife, Bremer County.

"If the big shots would quit talking about war, we would not need selective service."—Farm Woman, Monroe County.

"I suppose it's the only way out, but I still hate to see it."—Farm Woman, Union County.

"I don't think much of drafting men into the service when there isn't any war. This is still a free country." — Farm Owner, Union County.

"I'm not in favor of drafting farm boys. Lots of city boys—say in Chicago—should be in training."—Farmer, Appanoose County.

"My uncle talked me out of going into the Spanish-American war. Now I don't get any $75 per month pension. Maybe the boys had better join and have a pension when they're old."—Farm Worker, Tama County.

"I would favor selective service if I thought it would keep Russia from trying to start up another war."—Farmer, Cherokee County.

"Army training didn't do the draftees any good. I figure training might do them some good, but seems like it just spoiled them."—Farmer, Clay County.

"I think selective service is all right. My boy is in the service, and it has helped him. One thing, he has learned to eat things he wouldn't eat at home before."—Farm Wife, Union County.

"Who's going to work the farms if they take farm boys away in peace-time?"—Farm Woman, Appanoose County.

HOT SPOT

◆ You'd be surprised how *hot* your tractor engine can get. And the harder it works the hotter it gets—especially in the scorching days just ahead.

That calls for extra protection—and your SKELLY Tank Station Salesman or Jobber has it for you, in Fortified Tagolene and Fortified Tagolene Heavy-Duty Motor Oils. They resist heat, reduce excessive sludge, varnish, and carbon deposits, promote smooth, sure power, day in and day out.

Extra protection for all your farm equipment makes sense, too . . . so stock up now on SKELLY Tagolene Long-Life Lubricants. Your SKELLY Tank Station Salesman or Jobber has a complete line . . . and a *money-back guarantee of satisfaction* to go with everything you buy!

TUNE IN — NBC

Skelly's "Morning Newspaper of the Air"—with *Alex Dreier* and the first network news commentary of the day, Monday through Friday—and *Lloyd Burlingham* with farm news and weekly Skelly Agricultural Achievement Awards, every Saturday. NBC at 7:00 A. M. (WMAQ, Chicago, 6:45 A. M.)

SKELLY

GET IN TOUCH WITH YOUR

SKELLY

TANK STATION SALESMAN OR JOBBER TODAY

An Open Letter to the Nation's Farmers

Subject: RAILROAD RATES

Rates and fares are the prices at which railroads sell their services. These prices are higher now, in dollars and cents, than they were before the war but as compared with most other prices, they are distinctly lower.

The increase since 1939 in the prices at which railroads sell their freight services has been only about half as much as the percentage by which railroad wage rates and the prices of railroad materials, supplies and fuel have gone up. In passenger service, the increase in selling prices has been only one-fourth as much as the average increase in the prices and wages which railroads must pay.

Increases in railroad rates are effects, not causes. Rail rates were no higher at the end of the war, and in many instances were lower, than when war began. Subsequent increases came after and not before the increases in the prices of other things. Indeed, there are few commodities or services for which the increase in price since 1939 has been so little, or so late.

Experience has shown that poor and inadequate transportation is costly, no matter how low the rate might be, while good and adequate transportation is worth what it costs. The foundation of good transportation is good plant and equipment. That requires investment, and investment depends upon earnings or the prospect of earnings.

The best way, and indeed the only sure way, to have better transportation in the future is to give railroads a chance now to make earnings in line with today's costs -- such earnings as will justify and encourage continued investment in the better railroad plant and facilities which are the one sound foundation of better service at the most economical cost.

Sincerely,

William T. Faricy

President

Association of American Railroads

WASHINGTON 6, D. C.

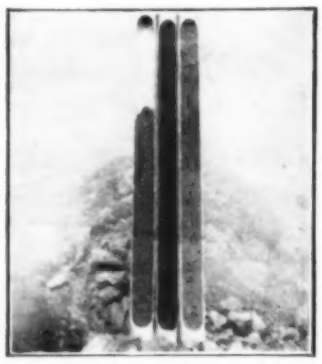
Extension directors from Boone, Sac, Calhoun, Webster, Hamilton, Hardin, Carroll, Greene, Guthrie, Dallas and Polk counties, in Iowa, attended this tour of Boone county farms last month.

Extension Directors Study Soils

Your county extension director keeps abreast of latest developments in research on soils in your area. One way he does this is thru district soil survey tours, such as the one pictured.

H. B. Cheney and Frank Riecken are in charge of the Iowa State College soil tours. Nine district tours are included in the schedule. Each extension director is to attend a tour to study soils similar to the soil in his county.

The chemical and physical properties of each soil type, as related to productivity and management, will be studied. A comparison of soils will be made as to organic matter, fertility, erosion hazard and suitability for various crops.



Color and organic matter differ in these three soil types shown here. From left to right, the soils are Ames, Webster and Clarion Loam.

Ralph Krenzin is getting a sample of the subsoil, which has a lot to do with drainage and drouth resistance, as well as other characteristics.

H. B. Cheney (right) makes test of soil for excess lime. If it happens that there is too much lime in the plow layer, phosphate—and sometimes potash—is unavailable to growing crops.

Workday Pointers

Helpful Suggestions for Farmers

RED CLOVER should be cut as soon as possible after June 15 if a seed crop is expected.

▲ ▲ ▲

SOW FEED should be cut down enough to check the milk flow just before pigs are weaned.

▲ ▲ ▲

PIGS SHOULD be eating so well at weaning time that they will hardly notice the sudden disappearance of the sow.

▲ ▲ ▲

GOOD BLUE GRASS stands have been secured by cutting ripe blue grass and scattering the hay over ground to be seeded.

▲ ▲ ▲

WEED-KILLING is the object of corn cultivation. Set the shovels only as deep and as close to the corn as necessary to kill weeds.

▲ ▲ ▲

BALED HAY or chopped hay weighs almost twice as much per cubic foot as loose hay. Remember that when filling a hay-mow that was made to hold up loose hay.

▲ ▲ ▲

WEEDS WILL START where cultivator shovels gouge grassed waterways. Soon the grass may be smothered out and the ditch will be back. Raise the shovels high when crossing water-ways.

▲ ▲ ▲

PROTEIN IN ALFALFA hay is 23 per cent, if the hay is cut in the bud stage, 20 per cent when one-tenth in bloom, and 17 per cent at full bloom. These are U. S. Department of Agriculture figures for first-crop alfalfa.

▲ ▲ ▲

CORN BORER egg masses will be seen first on your biggest corn. You can see them without magnifying glasses. Each egg is about half the size of a pin-head, but the egg mass may contain 20 or more eggs and be one-fourth inch

long. The egg mass is white to start with, but becomes darker in color as hatching time nears. The egg masses will appear mostly on the underside of the corn leaves. Fifty or more egg masses per 100 stalks indicates heavy corn borer infestation.

▲ ▲ ▲

CULTIVATOR SHOVELS should be selected and set according to the speed of the machine. For high speed use duck-foot shovels or regular shovels with a lot of suck. For slow speed set the shovels more nearly straight, so they will pitch the dirt more.

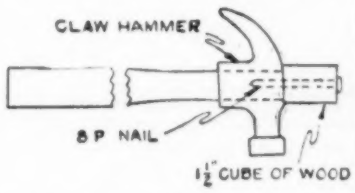
MUDHOLES or dusty floors may infect pigs' wounds after castration.

▲ ▲ ▲

NEWLY-SEEDED lawns should not be sprayed with 2,4-D until well established.

▲ ▲ ▲

ONE FARMER has a way of pulling electric fence insulators out of wood posts without breaking them. He puts a block on the end of a claw-hammer, as shown in the illustration. After the claws



are inserted under the insulator nail, the hammer pulls squarely on the nail without contacting the breakable insulator. This will work best if a leather washer is placed over the head of the insulator when the insulator is installed.

▲ ▲ ▲

YOUNG TREES should be cultivated like corn during the first season. One forester says cultivation is more important than carrying water to trees.

▲ ▲ ▲

HAY WILL KEEP in the barn or stack if the grapple fork goes into a load easily. There is also the pitchfork test. If the hay tears up easily in the mow or in the stack, it is dry enough to keep.

▲ ▲ ▲

HAY CAN BE PUT in the stack safely about a half-day sooner than it can be put in the mow. For chopping or tight baling, hay should have about one more half-day of drying after it is ready for the mow.

▲ ▲ ▲

IF YOU MUST CHOOSE between cutting some corn roots or leaving weeds in the corn rows, get the weeds. Weeds will rob this corn crop and leave seed to steal plant food and moisture from next year's crop.

▲ ▲ ▲

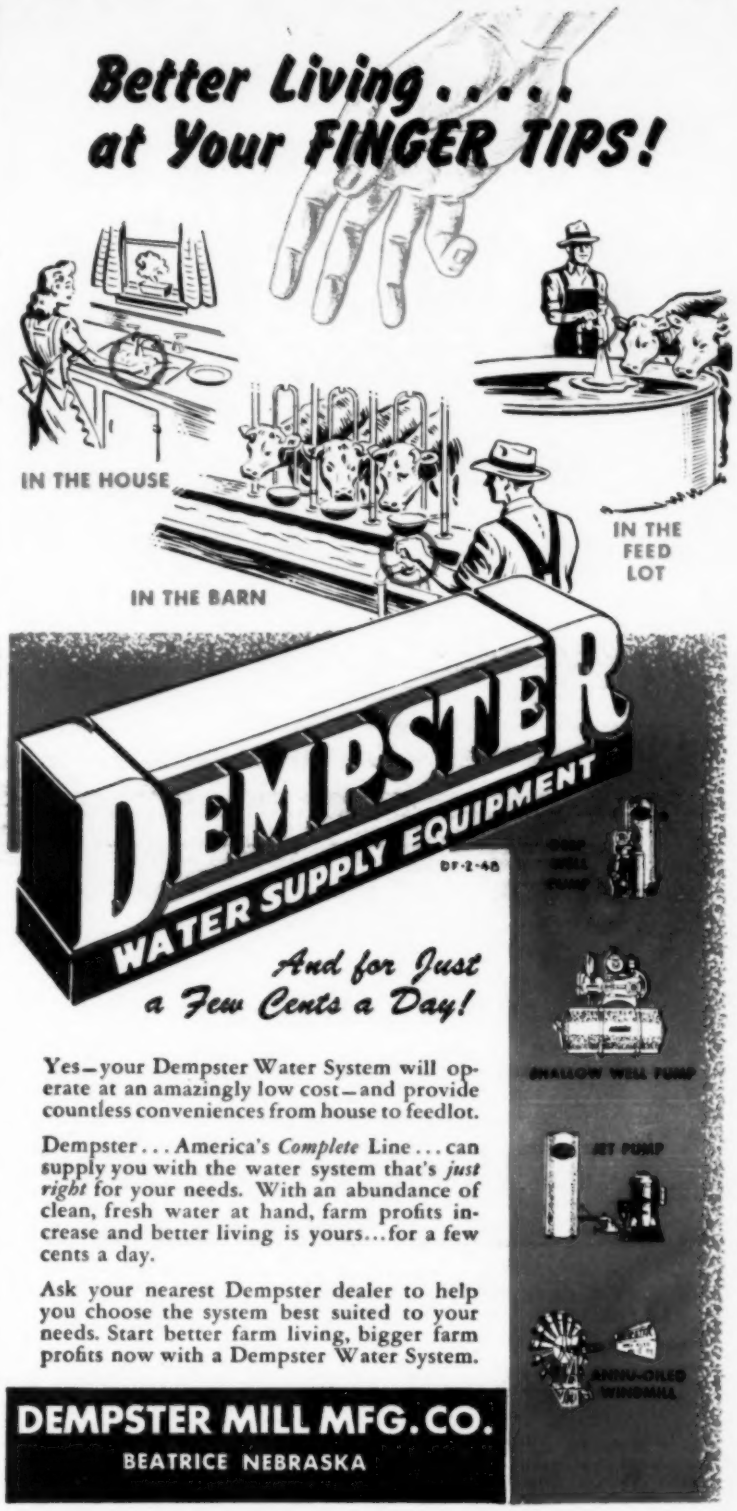
CORN LEAVES with a purplish hue indicate that phosphate is needed in your soil. If the leaves turn yellow, then brown, in streaks, and the edges of the leaves fire and die, the trouble likely is lack of potash in the soil.

▲ ▲ ▲

PIG LOSSES from tumors following castration can be prevented by inspection of the pigs at short intervals after the operation. A little tumor can be removed with safety. A big tumor usually kills the pig.

▲ ▲ ▲

SAVE HAY SPOILAGE by giving each stack its own roof. Tar-paper or light-weight roofing will keep the hay good to the top of the stack. Cut the roofing into pieces seven or eight feet long. Round off the top of the stack so the roofing pieces will cover the top. Put the paper in position and cover with six inches of heavy hay. Plenty of hangers finish the job.



OTTAWA POST HOLE DIGGER

Here's the tractor digger you have been waiting for. Quickly hitched to most any farm tractor with power take-off. Fastest power auger return—pull cord control. Heavy hi-speed 2-flight auger leaves hole clean. Castor wheels permit fast and accurate settings. Strictly a one-man digger. All controls from driver's seat. Safety clutch prevents damage, eliminates shear pins. Trench digging attachment. Get facts by sending for descriptive matter and low factory-to-user prices. *Serving the farmer for 44 years.*

OTTAWA MFG. CO., 7-807 Elm St., Ottawa, Kansas

I'm a farmer

"I'm Not Proud Of The Fact That Three Times More Accidents Happen On Farms Than In Factories."

"MY HOME-TOWN ALLIED AGENT SHOWED ME HOW TO PROTECT MYSELF."

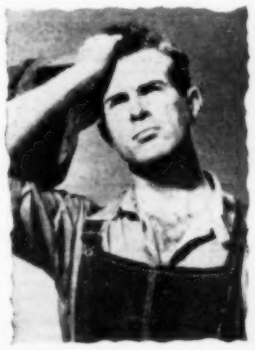
"It took me a lifetime to own this farm of mine but I could have lost it in the second it took that car to crash into my cows that were lost on the highway. As it was, the Allied Mutual home-town agent quickly saw that the folks who hit my stock were paid in full . . . and I even got a check for the cows that were killed.

"'Buy insurance against the big dangers that can bankrupt you', my Allied Mutual agent advises. Owning a farm is risky business, what with accidents which can happen to hired men or to visitors on the farm or by livestock or tractors and stock on the highways. The home-town Allied Mutual Agent knew what I needed and he sure gave me service when I had a claim."

FOR THE PRICE OF A FEW BUSHELS OF CORN, YOU MAY SAVE THE COST OF YOUR FARM

See your Allied Mutual Agent

ALLIED MUTUAL CASUALTY COMPANY
Hubbell Building Des Moines, Iowa



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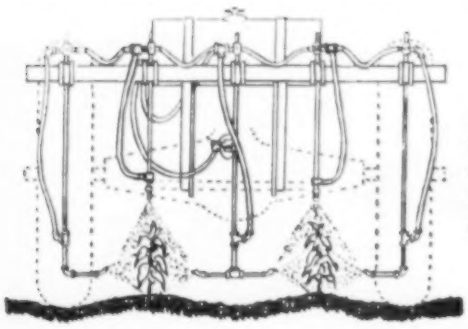
"TOP-SPRAY" FOR ADDED PROTECTION



AT LEFT are shown the top sprays which enable you to spray the top as well as sides of the corn.

WRITE TODAY FOR FREE FOLDER

MANUFACTURED BY
DAKOTA STEEL PRODUCTS CO.
SIOUX FALLS Box 832 SOUTH DAKOTA

Neighbors come over to help Les and Verne A. Freie, Franklin county, Iowa, pour the cement for the foundation and floor of a new machine shed and farm work shop they are building.

Make Fly-Control Best Yet

Let's Beat 1947; Last Year's Results Prove You Can Have a Fly-Free Farm

THIS year, the fly-control campaign in Iowa has a new motto. It's "Good-bye Fly!" Results in 1947 were good enough to attract attention all over the nation. This year, the Iowa "Good-bye Fly" drive can do even better.

That's important to you because good fly-control produces a lot more milk and meat with the same amount of feed. And it means a lot more comfort for you and your family.

Iowa farmers can make "Good-bye Fly" mean just that if every one swings into action. The prospects are better than a year ago.

The weather this spring has helped. More farmers have been able to haul manure and old stack bottoms out of their lots. That has destroyed a lot of fly-breeding places.

There is more equipment this year to do the spraying job. Thousands of power sprayers have been purchased by Iowa farmers. Last year, one of the problems was to pool spray equipment so that everyone could use DDT effectively.

Every neighborhood has a backlog of experience in fly-control. You realize what to expect from DDT since you have used it.

The state departments of health and agriculture, with the state extension service, are back of the campaign again this year. They estimate 75 per cent of Iowa farmers practiced some form of fly-control last season.

They think that number should go up this year.

Fly-control means extra dollars and cents in the pocket of the farmer. More production and bigger gains on livestock are only one of the profits. Comfort and disease-control are important in humans, too.

In several instances in recent years, flies have been shown to be responsible for outbreaks of typhoid fever in Iowa. Flies contribute to at least 20 diseases of humans. They have carried polio virus and infected experimental animals.

As yet, no scientist has proved that flies can give polio to boys and girls. But why take any chances? Get rid of the flies. It's worth the slight cost, even if your livestock doesn't produce an ounce more milk.

Right now—June—is the critical time for getting rid of flies. This is the month to go into action with that sprayer. Use DDT on your buildings and your livestock.

Entomologists say to apply your first DDT spray before June 15. You'll probably need another spray on the buildings in August. You can watch your cattle and spray them only as they need it.

In one case last year, 12 cents' worth of DDT brought 200 extra pounds of milk. In a 60-day test of 13 pairs of very similar dairy herds, fed and milked under the same conditions, DDT spraying increased milk production 33 pounds per cow per day. Steers gain faster when free from flies.

DDT is like any chemical or medicine you might buy: Read what is printed on the container. Then use the material according to instructions.

You can buy DDT in varying strengths, in the form of powder or in solutions and emulsions. The amount of actual DDT you get in a package may vary a great deal. It might be a good idea to read the label before you buy. Pound for pound, a 25 per cent wettable powder isn't worth as much to you as a 50 per cent wettable powder, for example.

ARE YOUR HOGS GETTING ENOUGH SALT?

Try this simple test

Throw a handful or two of salt to your hogs. If they are getting enough, they'll ignore it. If not, they'll relish it, a signal to give them salt free choice.

Most hogs don't get enough salt. Yet, like all livestock, they need it. It is not enough to balance hog rations with tankage and other meat by-products, high in salt. Purdue tests show that hogs need additional salt. Today, when hog rations are balanced largely with vegetable proteins, low in salt, the need is even more acute.

Salt Stimulates Digestion

Livestock need salt for its sodium and chlorine — sodium for complete, economical digestion of fats and carbohydrates; chlorine for hydrochloric acid to convert feed proteins into body tissue. Salt is the most essential mineral.

Feed Salt Free Choice

The best way to feed salt is to feed it free choice. The best salt to feed is Morton's Free Choice Salt, especially developed for livestock, and now formulated to remain non-hardening under normal use and storage conditions. Ask your dealer for it by name. Morton Salt Company, Chicago 3, Ill.

Write for valuable FREE book on Free Choice Salt for Livestock Feeding.

ASK YOUR DEALER

Service Bureau

Renew Drivers' Licenses

THE new Iowa drivers' license renewal law, called the "Birthday Renewal" bill, becomes effective on July 5, 1948.

All 1946-48 licenses with numbers over 500000 will expire on your next birthday after July 5, 1948. They must be renewed during the 30-day period just before this birthday.

All 1946-48 licenses with numbers under 500000 will run out on your next birthday after July 5, 1949. These must be renewed during the 30 days just before this birthday.

All drivers' licenses renewed after July 5, 1948, will expire each two years, on your birthday. The idea is to spread the load of renewing the licenses. You should be able to remember your birthday, and thus the date upon which your license expires.

Licenses can not be renewed by mail. They will be renewed only on presentation and surrender of the 1946-48 license. New licenses will be issued on the spot if everything pertaining to the law is satisfactory.

You must apply at your own courthouse at the time the examining team is stationed there. Exceptions will be made for certain persons such as college students. They will be allowed to make application elsewhere if they can not apply at their own county courthouse during their 30-day renewal period.

Every applicant must take the vision test to get an unrestricted license. A standard of 20-40 vision will be accepted. That means, roughly, the ability to read a letter about three-fourths of an inch high at 20 feet.

Vision test failures must furnish eye correction with adequate glasses. Special provision and regulations apply to persons with one eye, or other visual defects.

Recently, the vision test was given to 3,160 Iowans, and was passed by 74 per cent. Three per cent failed. Twenty-three per cent would be allowed to drive with restrictions including the use of glasses, outside mirror on the vehicle, daytime only, and speed limitations.

A complete driver's examination will be required for those who do not renew during the prescribed 30-day period.

YOU GET STEADIER TRACTION with PEERLESS KRISS×KROSS TRACTOR CHAINS

Don't slow up farm work because of wet or slippery ground! Chain your tractor with PEERLESS KRISS-KROSS tractor chains!

They grip the ground, can't harm your valuable tractor tires. KRISS-KROSS self-cleaning links form a continuous chain mat that covers maximum tire surface. The result is greater riding comfort, better traction!

Case-hardened from tough, alloy steel, PEERLESS KRISS-KROSS tractor chains will give you maximum trouble-free service. See your nearest PEERLESS DEALER.

PEERLESS CHAIN COMPANY
WINONA, MINN.

Manufacturers of chains for passenger cars, trucks and tractors—chains for every need.

MOZ-ALL POWER LAWN MOWER AND WEED CUTTER!

Built of sturdy aluminum alloy, rust proof, light in weight, this rotary type mower cuts a full 20" swath. The cutting blade whirls at high speed, creating a vacuum which lifts up the long grass insuring a smooth even cut. Fine and coarse adjustments for height of cut. When the grass is cut to the desired height, the revolving cutter mulsifies and distributes the cuttings evenly. Extra large 12-inch rubber tired puncture proof wheels. Full, swiveling front wheel allows easy turning. Due to the light weight Moz-All aluminum construction, no extra weight is carried, and rough, hilly ground is mowed with a minimum of effort. Either gasoline engine or electric motor driven.

WEED CUTTER!

By removing the guard, your Moz-All is ready to eliminate back-breaking "scissor trimming" around sidewalks and flower beds — in your orchard—around the barnyard. It cleans out scrubs between and around hedges and bushes, cuts to within a fraction of an inch of wall, tree or curb.

COMPLETE MOZ-ALL LESS ENGINE
$59.50

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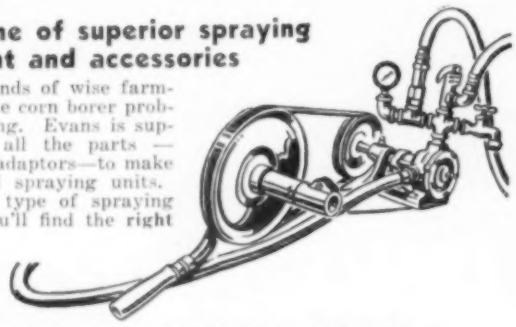

This year, thousands of wise farmers are attacking the corn borer problem through spraying. Evans is supplying them with all the parts — including row crop adaptors—to make efficient, economical spraying units.

No matter what type of spraying you have to do, you'll find the right accessories in the superior EVANS line . . . at prices you can afford to pay.

TRACTOR OR JEEP-MOUNTED SPRAYER

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EVANS ADAPTO NOZZLE

The amazing new low pressure, low volume weed nozzle that prepares equipment for a better, more thorough spraying job. Delivers an 80-degree fan-type mist—not a fog. Non-collapsible 200-mesh Monel metal screens are easy to clean.

EVANS NEW SUCTION LINE HOSE STRAINER

For weed machines . . . strains spray material before it enters the pump. Effective within ½ inch of tank bottom. 40-88-100 mesh Monel metal screens, Dutch or gauze weave. Solid brass protector housing. Fittings to take ¾ inch female hose end. Easily examined for clogging. 25 square inches of screen surface held in place by a spring clip.

EVANS supplies a complete line of superior accessories and parts . . . BOOMS, NOZZLES, PUMPS, ENGINES, HOSE, STRAINERS, TANKS, CONTROLLERS, VALVES and GAUGES, SPECIAL ROW-CROP ADAPTORS and spray materials for every need.

Write TODAY for complete information and prices on famous EVANS parts and accessories.

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EXCLUSIVE TRADE MARK REGISTERED U.S. PAT. OFF.

With a Cobey Model 31-A Dump Wagon you get hauling jobs done quicker.....You work less..... You make more money. Write for name of nearest dealer and complete information on its many valuable, convenient features.

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BUILT FOR HEAVY-DUTY SERVICE
Maximum payload of 4½ tons.
Newest type of 6-ply agricultural tires.
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DUMP WAGONS HI-SPEED WAGONS
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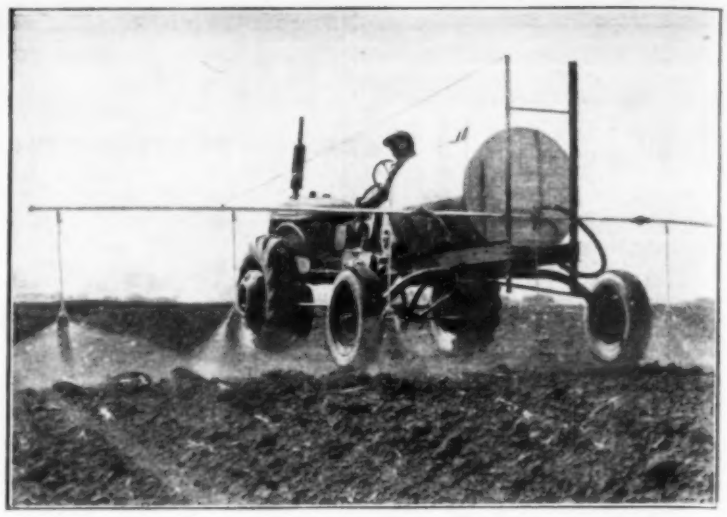
The most practical units in the world for farms and ranches



New Sprayer is given the water test by Ed Norland, of Palo Alto county, Iowa. Norland put plain water in machine and sprayed an acre to see how much would be used. Then he could know how much 2,4-D to mix with the water for correct dose on corn.

Don't Guess On Corn Spray

Any Plant May Be Killed With 2,4-D If You Apply Enough at the Right Time

SOME men will be taking new crop sprayers to corn fields this month. In the tank will be a new weed-killing chemical, 2,4-D.

The new corn field operation has big possibilities. There are also risks. Farmers are cautioned to follow directions carefully in spraying corn and weeds with 2,4-D.

Ed Norland, of Palo Alto county, Iowa, was wondering just how he could get the right amount of 2,4-D on each acre. He has a new sprayer with a 21-foot boom and a 220-gallon tank.

Norland decided the first thing to do was to find out how much water the machine put on an acre. Then he could put the correct amount of 2,4-D in the water and be sure he wasn't putting on too much 2,4-D.

So Norland put plain water in the tank for a field test. It looks like a safety measure any farmer should use. And perhaps the test should be repeated occasionally, as the nozzles can become clogged or the machines get out of adjustment.

There is one other problem after you determine the amount of water your machine will spray on an acre. That is how much 2,4-D to put in the water used on an acre.

On this question, there is no rule that will fit all the 2,4-D sold. There are three kinds of 2,4-D — salts, amines and esters. Some are more powerful than others, and the solutions vary in strength.

"Follow the directions on the container" is the only safe rule when applying 2,4-D to corn fields. Note how much actual 2,4-D acid is recommended per acre. Then put that amount in the water used per acre.

When changing from one kind of 2,4-D to another, always re-read the directions and adjust the application accordingly. You can't go by liquid measurement. Figure the dose in pounds of 2,4-D acid per acre.

A pint per acre of one 2,4-D might not kill even the weeds. Of another kind of 2,4-D, a pint per acre might kill the weeds and damage the corn.

Why is it so important that spraying corn with 2,4-D be carefully done? The reason is in the nature of the weed-killer.

2,4-D is a growth regulator. In small quantities, it is believed to stimulate plant growth. But, like some animal stimulants, 2,4-D, if used in large quantities, is a plant poison.

Any plant will be injured or killed by 2,4-D if you put enough on at the right time. Even grasses, said to be unharmed by 2,4-D, will be killed in the sprouting stage. That's how pre-emergence spraying kills grass.

After plants are up and growing there is a wide difference in the amount of 2,4-D they can stand. Corn, oats and most grasses can stand a lot. Cockleburs, Buttonweeds, sunflowers and horseweeds can't stand very much.

This difference in resistance makes 2,4-D what is called a selective plant-killer. By using just the right amount, weeds can be killed in some crops without injuring the crops.

You can't kill cockleburs, buttonweeds, sunflowers or horseweeds in soybeans with 2,4-D because the beans and weeds will stand about the same amount of 2,4-D. It is not selective in this case.

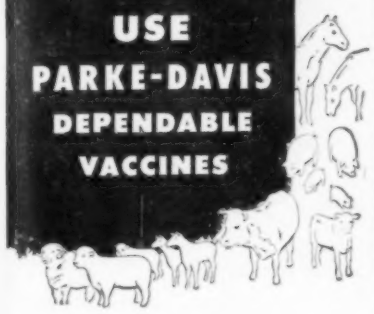
Neither can you kill mustard where there is clover or alfalfa. And you can't put enough 2,4-D on quack grass or foxtail without killing corn, too.

But 2,4-D is selective enough to kill most broad-leafed weeds in corn without damaging the corn. Canada thistle may also be killed in corn, but the margin between what the corn and the thistles can stand is rather narrow.

Success in spraying weeds in corn means knowing how much 2,4-D various plants can stand. It means care in using just enough 2,4-D on corn to kill the weeds.

GUARD YOUR LIVESTOCK

USE PARKE-DAVIS DEPENDABLE VACCINES



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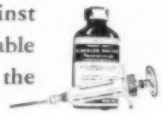

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Mixed Bacterin (Ovine) Formula No. 1
Mixed Bacterin (Porcine) Formula No. 1
(*Alum Precipitated*)
Mixed Bacterin (Porcine) Formula No. 2
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The Economical New
FARM - ROD
Cleans Field Tile of Roots, Mud and Other Debris.
Runs by HAND POWER *or Tractor Take-Off*
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Cleans tile 3" or larger in diameter. Comes in handy, easy to use 25-foot sections which will clean from 5-10 up to several hundred feet from one opening. Be prepared BEFORE the greatest urgent. Write for FREE folder, giving full particulars.
ROTO-ROOTER CORP.
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SWEET POTATO PLANTS—Golden yellow Nancy Hall, Porto Rico, Porterman, Improved Big Stem Jumbo, Yellow Jumbo, well rooted. 200(1) on 500-$1.75, 1000-$2.50, 2000-$3.50. Postpaid. ECONOMY PLANT FARMS, Gleason, Tennessee.

16 DECKLEDGE PRINTS from any Standard 8 Exposure Roll 25c. Quick Service. Professional work. SKRUDLAND, Lake Geneva, Wisconsin.

Chemicals Kill Poison Ivy

MAYBE you are one of a lucky few who are immune — but most people are subject to the vicious sting of poison ivy when they come in contact with it.

Unless you are immune, contact produces severe irritation and blistering. You can't take the sting out of the poison, but you can kill poison ivy.

Poison ivy isn't a problem on cultivated areas. A couple years of cultivation brings it under control. Two or three years of close pasturing by sheep or goats will also eliminate a patch of poison ivy.

Along fence rows, roadsides, in vacation areas or around a farmstead, chemical control is the answer. Dr. E. P. Sylwester, Iowa State College extension botanist, tested various chemicals in killing poison ivy last year.

He found sodium chlorate or Atlacide, ammonium sulfamate or Ammate, and 2,4-D all effective. Usually, more than one application of chemical weed-killer is required, regardless of the kind used, he says.

One of the first steps in killing a patch of poison ivy is to find a helpful neighbor who is immune to the poison. Try to get an immune person to apply the chemical. Or wear your boots in the patch.

If you're not immune, and go in the patch, work slowly and avoid sweating. You get a worse dose of poison when your pores are open.

In areas where you don't care about protecting grass or other plants, sodium chlorate may be used. It should be mixed at the rate of one pound to a gallon of water, and should be applied with a sprayer in the evening or on a cool day.

Apply the solution at the rate of one or two gallons per square rod. Never spray during periods of extreme heat or drouth. Scattered plants which survive should be treated again, until no more show up.

Or apply this chemical in the dry form in the fall of the year. Go five feet beyond the edge of the patch and spread the dry sodium chlorate at the rate of three pounds per square rod.

This chemical kills all vegetation. Don't use it around valuable trees or shrubs.

Ammonium sulfamate, at the rate of one pound per gallon of water, can be used under well-established trees. It will kill shrubs or small plants if it comes in contact with them. Spray it at one to two gallons per square rod.

If you want to save the blue grass in a patch of poison ivy, use 2,4-D. The potent ester form is most effective. Carefully follow the directions on the package in mixing the solution.

Spray plants when they are growing actively. Do the job on a still, warm day, when you don't think it will rain for six to 10 hours. Keep the solution away from desirable shrubs.

With any of these chemicals, you will have to keep after the patch. Hit it again when a new growth shows up.

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FARM LUBRICANTS

Kansas Flies To TWIN DRAULIC for Weed Spraying Equipment

BIG DEMAND FOR TRACTOR SPRAYERS CAUSES SHORTAGES

This plane arrived at Laurens from Kansas for a load of Twin Draulic farm tractor operated spray equipment. Wheat is in the jointing stage there and spraying, while it is new, has proven highly successful. Kansas farmers are having a difficult time finding enough sprayers to do the job. Iowa farmers will soon face the same shortage as it is impossible to supply a large number of sprayers on a few days notice. Spraying answers a lot of farmers' weed problems and they should order their Twin Draulic equipment and Twin Kill (2,4-D) Weed Destroyer without delay. Write **TWIN DRAULIC, Inc., LAURENS, IOWA.**

BUILDING MATERIALS PRICE CLIMB 1939 • 1947

Steel Price Increases Less Than 1/3 The Average on All Building Materials Prices

Why the sky-high home building costs? The joint Congressional Committee on Housing has been seeking the answer to this question for some time.

To help the Committee find the answer, the Bureau of Labor Statistics compiled figures on the increases in prices on all building materials from August, 1939, to October, 1947.

The chart above is based on these figures. They prove again our oft repeated contention that Steel IS Cheap.

It is noteworthy that price increases on structural steel are the lowest of all building materials except cement and less than a third of the average advance on all building materials.

Or, take another steel item important in home building—nails. The increase in the across the counter price of nails adds only about $15.00 to the cost of a G. I. home as against the price 10 years ago.

Steel IS Cheap!

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Enclosed find $..... Send filter or filters to the address below.
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Open or clean drainage ditches with dynamite. It's CHEAPER, FASTER, EASIER. Opens the ditch, spreads the spoil and starts drainage immediately. Write for free information and prices.

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P. O. Box 25 Mason City, Iowa

Ottawa Self-Propelled Buzz Master

CLEARS LAND FAST! Powerful 7-HP motor with friction clutch for safe operation. Cuts down timber, brush and hedge; turn blade vertically and saw logs to length. **Also furnished with post hole diggers.** Has clutch pulley for belt work.

No Other Like It!

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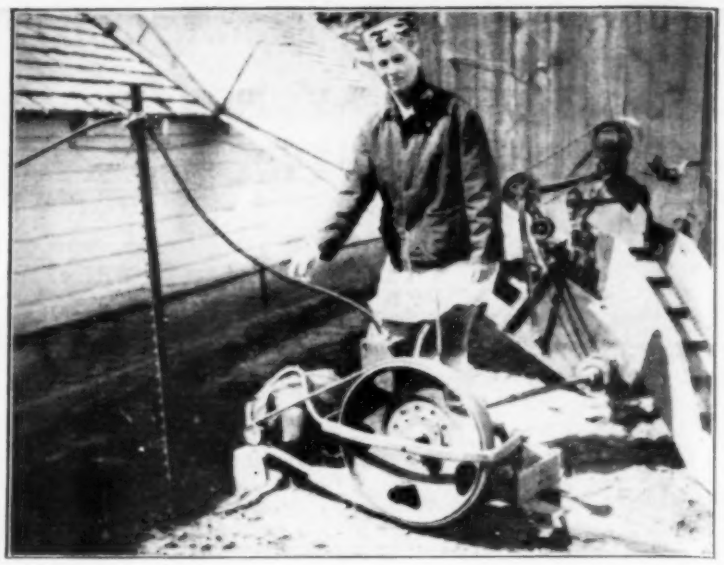
—PUT SOME OF THAT EXTRA CASH INTO SECURITY BONDS—



Heavy Cable covered with rubber now brings electric current to elevator motor on Floyd Lake farm, Hardin county, Iowa. When barbed wire was used, a short electrocuted a shoat.

Stock Electrocuted By Poor Wiring

Frequent Inspections, Proper Grounding Will Prevent Losses Caused By "Shorts"

ELECTRICITY kills more livestock than most folks realize. And that doesn't mean just lightning, either.

In Kossuth county, Iowa, recently, a rendering works trucker was called out to pick up a dead steer.

Later on, he had to go back to get a dead horse from the same barn-lot.

Not until the trucker himself was bowled over by an electric shock was it discovered that the animals had been electrocuted.

A "hot" electric wire had shorted on a conduit pipe leading to the electric tank heater. All around the tank, the wet ground was charged with electricity.

In Hardin county, Iowa, last year, Lloyd Crippen had tough luck with his two FFA brood sows. First, one was found dead after an evening rain.

There was a partition between sow and pig brooder. And the hog house floor was made of wood. But rainwater had run in, making the floor wet.

The rendering truck got the sow and nobody suspected electricity. Then the other sow was found dead. This time, the dog ran across the floor and yelped in pain. And Lloyd's father felt the shock, too.

The heating element in the pig brooder had shorted to its frame. This caused the wet floor to become charged with electricity.

Heat lamps suspended over pigs also can cause trouble. If they are hung too low, a sow may bite thru the insulation. If she's standing on a wet floor, it might be too bad.

The Floyd Lake family, also of Hardin county, is thankful hogs found a short before some member of the family did.

It was a wet fall afternoon when Mrs. Lake heard squealing and commotion near the grain elevator out in the feed-lot. She rushed out to find a shoat lying across the steel frame of the wagon hoist.

Figuring the trouble was a nearby electric fence, she shut it off. Then another hog touched the first one and was thrown away, reeling and squealing.

Mrs. Lake headed for the main switch box and pulled every switch she could find.

What had happened? The wires carrying the 220-volt current to the motor which drove the steel elevator had shorted onto the switch box. The wagon hoist was at the opposite side of the elevator from the box. But the current had passed across thru the tumbling-rod.

Lake's installation included an approved switch box. But it had been impossible to get the proper rubber-covered cable to lead the current into it. The makeshift wires used were just taped where they led into the box, without any clamp.

These wires were held out of reach of the hogs by a steel fence post. But calves had rubbed this post down. So the wires, chafing against the metal box, had rubbed it completely bare. Then things started to pop.

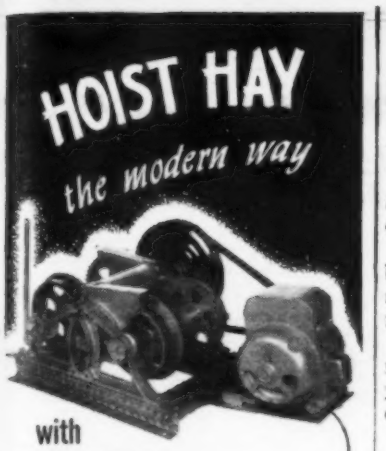
The Lakes shudder to think what might have happened if a person had touched the elevator before the trouble was found. Even with the loss of a hog, they were lucky.

Lake now has a heavy rubber-covered cable—with an entrance connector holding it securely—at the switch box.

What can you do to protect yourself, your family and your livestock against death, and your buildings against fire?

If you are not an electrician, it might be good insurance to have somebody who is make an inspection of your electrical wiring system at least once a year. And have him ground all motors so that the electric current can get into the ground without killing someone or something on the way.

Electric water pumps should be the first things grounded.



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Utility Hay Hoist

SAVE LABOR
No longer do you need EXTRA help. Now, the man on the load or the man in the mow controls fork travel and big full loads.

SAVE TIME
A single portable switch controls start, stop and reverse. Hay or straw is dropped exactly where you want it. Clutch action is smooth, positive and simple.

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ENDERES Utility Hoist is also used for lifting on construction work, for pulling stumps, etc. Other uses include operating pump jacks and elevators. Powerful motor easily detached for other uses. Choice of rope or cable models. See the ENDERES Utility Hoist at your dealers.

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MANUFACTURERS OF RELIABLE FARM TOOLS AND EQUIPMENT FOR MORE THAN 50 YEARS!

What Pay For Hired Man?

WHAT is a fair wage agreement between farm operator and hired man? It's tough to work out these days.

Here's an agreement—fixed up by a central Iowa farmer—which satisfies both operator and hired man:

The hired man gets $110 per month wages from March 1 this year to March 1 next year. Payday comes twice a month.

Extras include three dozen eggs each week, two quarts of milk a day, a half-pint of cream a day, two 225-pound hogs for butchering per year.

The hired man also has a house, a garden and a potato patch large enough for his own use. His electricity is on a separate meter.

The operator and the hired man chore together every Sunday morning. Chores are done alone every other Sunday evening.

On top of all this is a bonus: Five per cent of the egg receipts; 5 per cent of cream receipts; 3 per cent of butcher hog receipts. Hogs butchered for home use are not counted in the bonus; feed purchased is deducted from the gross sales before figuring out the bonus.

The bonus will be paid March 1 next year if the hired man stays for the full year. If any butcher hogs are not sold until after March 1, 1949, the bonus then will be paid at time of sale. The bonus is guaranteed to average $15 per month until March 1, 1949.

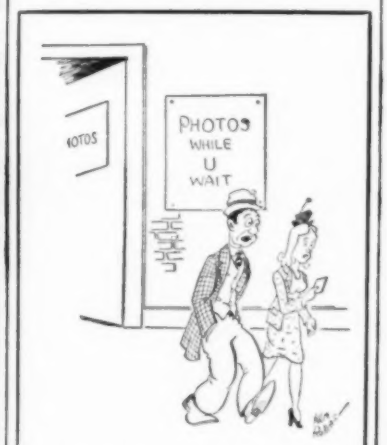
Check Acidity of Soil Before You Tile

Maybe you should check on the acidity of the soil in your field before you tile. Either concrete or clay tile gives good service under normal conditions.

But in high-acid or high-lime areas, you should stick to clay tile. Concrete tile deteriorates some in high-acid or high-alkali soils.

Either kind should be dense, uniform in shape, and should be free from checks, cracks or foreign materials. And foreign matter in the walls of the tile will cause slacking.

You can check soundness by holding a dry tile in your hand and striking it with a hammer. A sound tile always gives off a clear ring.



"Sure it's a fast camera—it caught you with your mouth shut."

Seal Moisture, Oil and Dirt from Spark Plugs

SEALTIGHT
SPARK PLUG
INSULATORS

STOP motor stalling from moisture, dirt or oil on plugs! Users say perfect firing saves gas—5 gallons give mileage of 6. For cars, tractors, trucks, boats — any gas motor. Fit all standard spark plugs. Patented.

Prevent most fouling from oil pumping. Enjoy Quick Starting—Better Motor Performance—NO SHORTING!

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Build your own power lawn mower that cuts all weeds and grass, with essential parts in kit $18.50
Complete, assembled, less motor ..... $ 74.50
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WORMY PIGS? Doctor Hinrichs' Hog Powder. Fed in feed. No starving. 5 lbs. $3 Postpaid.
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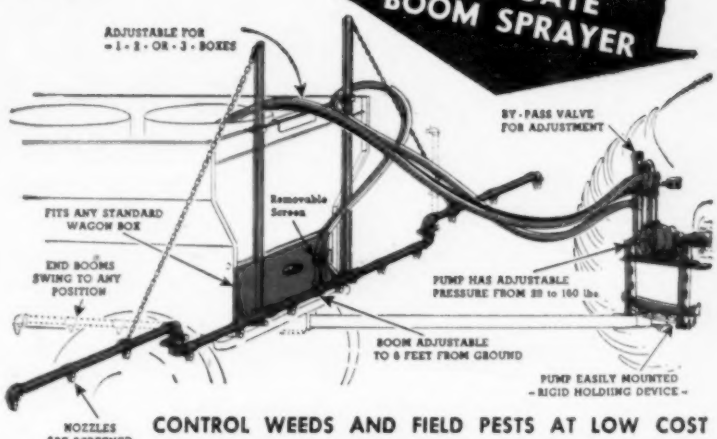
Walsh **SPRAYERS**

END GATE BOOM SPRAYER



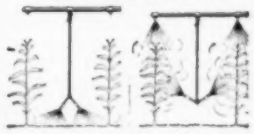
CONTROL WEEDS AND FIELD PESTS AT LOW COST

Simple, sturdy, easy to install on any wagon, two wheeled trailer, tractor, front or rear mounting as you prefer. The Walsh BOOM SPRAYER sprays 2-4, D right where you want it . . . low gallonage operation saves you time and money. Booms adjust from 20" to approx. 6' high. End booms swing to any position for spraying headlands, fence rows, and to clear gates. *All metal* Viking pressure pump operates from tractor power take-off . . . delivers pressures from 20 to 160 lbs. for high or low pressure spraying. Use the same equipment for spraying DDT to control corn borers, grasshoppers and other field pests. Also for spraying trees, barns, chicken houses, etc. Built of corrosion resistant materials throughout for long life. For maximum satisfaction—buy a Walsh.

ACCESSORIES

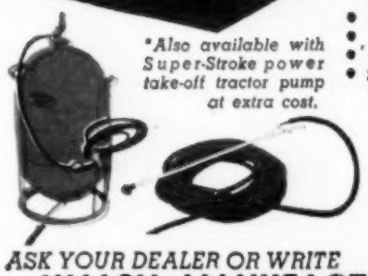
Hand boom for spot or fence row spraying. Light weight. Perfectly balanced. Low gallonage nozzles spray at any pressure. Handle may be extended to spray fruit trees. Other booms and nozzles available for spraying whitewash, disinfectants, etc. Complete stocks of nozzles, suction screens, hose, etc.

CORN BORER KIT



For use with Walsh Boom Sprayer. Spray DDT while plowing with your tractor. Adjustable for spraying underneath corn leaves.

WALSH UTILITY POWER SPRAYER



*Also available with Super-Stroke power take-off tractor pump at extra cost.

- Operates from any car, truck, tractor or power take-off*
- Sprays half a day with 2 or 3 tanksful
- Lifetime 8½ gallon stainless steel tank
- 50 ft. of sprayer hose
- Sprays area 100 ft. square without moving equipment

Spray weed kills, disinfectants, orchard sprays, whitewash, inflate tires. Quick—easy. No hand pumping. The Walsh Utility Power Sprayer uses motor compression. Fits any motor. Just load into the trunk of your car, or onto truck or tractor and drive to the job. Insert spark plug pump, start motor, and begin spraying. Does a full days work in a few hours. ORDER YOURS TODAY.

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WALSH MANUFACTURING COMPANY
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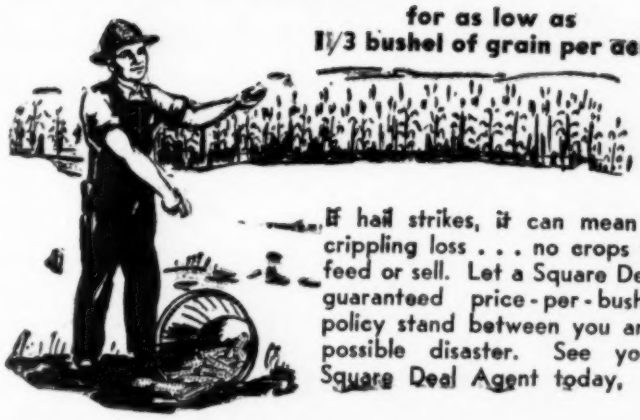
Protect your crops against disastrous hail loss

for as low as 1⅓ bushel of grain per acre



If hail strikes, it can mean a crippling loss . . . no crops to feed or sell. Let a Square Deal guaranteed price-per-bushel policy stand between you and possible disaster. See your Square Deal Agent today.

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Do your spraying work this year with confidence . . . confidence in the spraying machine you use and confidence in the way your chemicals are being applied. The Speedy Weedkilr is built to save you time and work, and above all save your crops! A sturdy, yet lightweight, all aluminum constructed sprayer the Speedy will give years of satisfaction and prove its worth on your farm. Write today for full particulars or ask your dealer for details.

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SHELL VAPONA KILLS—corn borers, corn root worms, aphids, Mexican bean beetles, Colorado potato beetles, flea beetles, leafhoppers, thrips, loopers, diamond back moths, grape berry moths—and many other pests.

LOW VOLUME—usually 3 to 5 gallons per acre give adequate control. Because of these low dosages, Shell Vapona is applied rapidly and economically by aircraft, mist blowers and other atomizers.

UNIFORM, DEPENDABLE CONTROL—under varying conditions of temperature, wind and rainfall—markedly superior to dusts.

SAFE—to plants when properly applied in atomized form. Shell Vapona has a special Shell-developed petroleum base . . . made only by Shell.

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AGRICULTURAL PRODUCTS

UNITED STATES SAVINGS BONDS BOUGHT NOW PAY SURE DIVIDENDS

Tips For June

What's on your schedule this month? Here are June ideas from the farm management section, Iowa State College:

▲ ▲ ▲

UNNECESSARY STEPS in doing chores can be cut down. Jerry Spencer, Fremont county, Iowa, moved a small building in his farm-lot to a more handy place. It saves him 17 miles of walking a year.

▲ ▲ ▲

RAISE ALL YOUR spring pigs. Clifford Bever, Keokuk county, Iowa, believes that keeping little pigs out of the old hog lot is one of the best ways to make hog profits. Here are some other proved tips: Make sure you have good shade in the hog pasture; have water and feed close to shade; clean up mange.

▲ ▲ ▲

IF THERE IS MUCH difference in the age of pigs, Bernard Collins, Wright county, Iowa, divides the pigs into groups according to size. He has fewer runts, that way. Pigs grow faster, too.

▲ ▲ ▲

IS YOUR HARVESTING machinery ready? Checking your combine or grain binder is a good job for a rainy June day. Get any repair parts needed and put them on. Oil and grease.

▲ ▲ ▲

HAY MAKES CHEAP protein feed for winter. Make sure you get the most protein per acre by cutting hay at the right time. The best time to cut red clover or red clover-timothy hay is when clover is about one-half to three-fourths in bloom. Alfalfa should be cut when from 10 to 25 per cent in bloom.

▲ ▲ ▲

SWAT THE FLIES this month. Clean up manure piles and other fly-breeding places. Follow up in a week or 10 days with DDT. Repeat as often as necessary to hold flies in check.

YOUNG CHICKENS do best when they have the run of good, clean pasture. Melvin Hawke, of Cerro Gordo county, Iowa, believes that young birds are less apt to get disease when they are on clean ground, out away from the old hens. And green pasture cuts down feed costs. Put the young chickens near a corn field for summer shade.

▲ ▲ ▲

HOT SUMMER weather cuts egg production. To hold up egg production, feed and water consumption must be kept high. Keep the birds confined until noon at least, if you have a well-insulated house. Then the birds are more apt to eat and drink all they need rather than permitting them to get away from the feed out into groves, or in the barns where egg-building feeds are not at hand.

▲ ▲ ▲

CULL NON-LAYERS. A lot of hens quit laying in June or July and start molting. They will eat six or seven pounds of feed apiece per month. Some will die if left in the flock. Birds with bright combs and uncolored beaks and legs are the good layers. They should be kept.

▲ ▲ ▲

CUT DOWN FATIGUE in housework. When possible, sit down for tasks. Bend the knees instead of bending the back when picking up articles from the floor. Use tools with handles which are long enough — hose, brooms, shovels, mops and the like. Take hold of the handle at an easy length for swinging.

▲ ▲ ▲

SMALL CHILDREN should be safeguarded. Do not leave infants out of seeing or hearing distance. Provide collapsible playpens, within companionable distance of Mother's work, for children five to 15 months old. Put stair gates at the cellar-way, porch and staircase, to protect children from falling or danger in climbing.

"You were there yourself—didn't they tell me to take it easy on the first 500 miles?"

WON CHAMPION AWARD for Hard Red Winter Wheat at 1947 International Grain and Hay Show. Here Champion Gene V. Peterson, Corvallis, Montana, displays his prize-winning wheat.

Also won first on wheat, oats and barley at '47 Harvest Contest, Western Montana and Northern Idaho. Plus firsts for the least potatoes in a bushel (29), and largest potato (3 lbs. 14 oz.)

* * *

Likes hunting, fishing, boxing, swimming—and eating Wheaties! Says Gene, "Wheaties taste wonderful!"

* * *

Is 6' 2½" Tall. Weighs 195 lbs. Puts away a lot of Wheaties. At breakfast, also between meals. He and many other champions! Famous training dish—milk, fruit and Wheaties! Nourishing flakes of 100% whole wheat. Had *your* Wheaties today?

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SECOND-HELPING GOOD! That's why so many people buy the Wheaties Extra-Big-Pak. Holds 50% more than the regular size package. Goes farther. Try America's favorite whole wheat flakes. Try Wheaties, "Breakfast of Champions"!

SAVE YOUR LIFE!

"CERTAINLY dark tonight," thought Reverend Frederick, as he headed for home along the Iowa country highway.

"Fine people, the Romleys. A minister's life would be a lot simpler if all folks were like them." The minister was thinking of the family he had just been visiting.

Then——

"What is that light? A motorcycle? A car with one light? Wish he would get on his own side of the road."

Many thoughts ran thru his mind in a few seconds.

"Why do people drive with only one light? What will I do? I'll have to turn to the left to escape him. But if I do that, he will come to just in time to swerve into his own lane.

"Why can't people get the religion of safe living? Getting people to do things that will save their lives here is as hard as it is to get them interested in eternal salvation."

Then he decided to take to the right side of the road to miss the oncoming vehicle.

All this in a few seconds. Then, just as he was about to go over the shoulder of the road, he discovered what it was.

It wasn't a car at all. It was a tractor going the same direction as he was. The spotlight on the back was being used as a tail-light—a clear tail-light.

The minister swung out to the left around the slowly moving tractor. The tractor driver waved and grinned as he drove happily and blissfully along. He didn't even know he might be a hazard.

Reverend Frederick drove on, weak over the close escape.

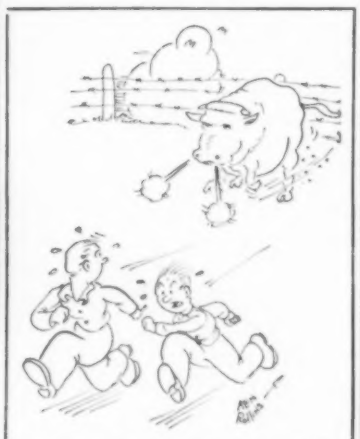
When you drive a tractor on the highway, do you recognize it as a hazard to other motorists? A tractor is a motor vehicle when driven on the highways of Iowa. It is subject to all the regulations of a motor vehicle, except that it does not need to be licensed.

When driving a tractor on the highway, always:

Drive near the right side, well in your lane of traffic.

Observe all rules of the road.

When driving at night, have two clear headlights, and at least one red tail-light.—N. J. Wardle, Farm Safety Specialist, Iowa State College.



"You ask if that bull's safe? He's a lot safer than we are."

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"Finer Canned and Frozen Fruits"

Tells how to get brighter color, firmer texture, finer flavor simply by making syrups with KARO Syrup, sugar and water. Easy, sure—proved by thousands of women, beginners and experts alike.

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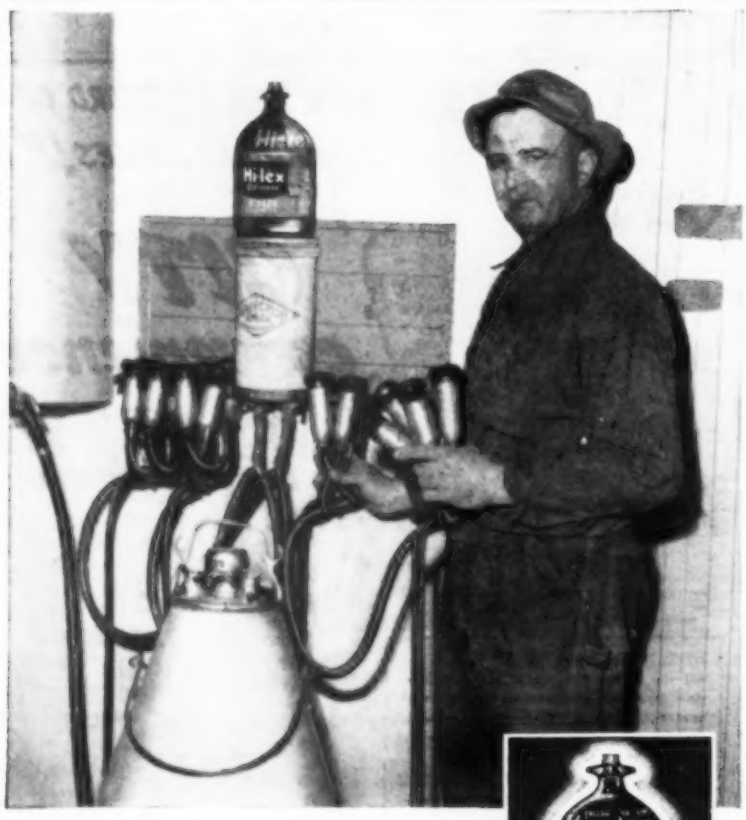

Hi-lex reduces bacteria count, boosts income and saves time
for Minnesota Dairyman

"I'm getting more money for my milk because Hi-lex has reduced the bacteria count," says Mr. L. A. Lhotka of Glencoe, Minnesota. "Hi-lex is easier and quicker to use—I just pour ½ cup of Hi-lex in 4 gallons of warm water and rinse my milking equipment in this solution. I leave the teat cups in it between milking."

BUY HI-LEX . . . BUY THE GALLON . . . BUY THE CASE

—PUT SOME OF THAT EXTRA CASH INTO SECURITY BONDS—

Washington Wire

Congress May Boost Farm Payments

With Election Coming, Senate Is In More Generous Mood On Conservation Funds

WASHINGTON, D. C. — You may get a bigger soil conservation payment for this year than you did for 1947.

The house has voted 225 million dollars for the payments. The senate has upped this to 300 million, the amount asked by President Truman. The amount paid out last winter was only 150 million.

House and senate may compromise at around 260 million.

The senate also added 10 million dollars to the house figure for school lunches. That raises the lunch figure to 70 million. Again there may be a compromise.

President Truman's appointment of Charles F. Brannan as secretary of agriculture means government farm policies will stay about the same as they have been.

Brannan says he will run the Department of Agriculture like Clinton Anderson did. Anderson resigned to run for the senate from New Mexico.

Some changes might have been made if Undersecretary Ed Dodd, instead of Brannan, had got Anderson's job.

Brannan and Dodd represent two different groups in the department. Brannan, a 13-year career man, has had most of his experience with agencies such as the old Farm Security Administration.

Dodd, on the other hand, came up thru the old AAA. Under Anderson, the AAA has had to take something of a back seat in department affairs.

Truman now has two high USDA offices to fill: Brannan's old job as assistant secretary, and Dodd's post as undersecretary. Dodd will become director-general of the United Nations Food and Agriculture Organization.

Among those mentioned for undersecretary is Albert J. Loveland, former chairman of the state AAA committee in Iowa. Loveland now is director of agricultural conservation programs in the USDA.

Senator Aiken, of Vermont, and a small group of farm leaders, still are fighting for a new long-range farm program in this session of congress.

They have written a bill setting up flexible price supports—ranging from 60 to 90 per cent of parity on basic crops, 0 to 90 per cent on non-basic crops, depending on supply.

The Aiken group is afraid a new congress might refuse to pass such a bill, or that a new president might not sign it.

But time is short, and bills are piling up as congress gets ready to quit for the major party conventions in June and July. So the odds are against the Aiken bill.

If a long-range farm bill isn't passed this year, you can look for President Truman and the Democrats to make noise about it ahead of the November election.

Democratic strategy will be to raise doubts in farmers' minds about what the Republicans would do about price supports if they took over the government.

This appeal could have some weight if 1948 crops are good. Large crops could easily drop corn and wheat prices to support levels. That would mean $2 wheat and $1.45 corn.

Oleomargarine forces might still lose their fight for repeal of taxes on yellow oleo.

When tax repeal was in the house, dairy people fought for an

New Secretary of Agriculture, replacing Clinton Anderson, is Charles Brannan, Colorado.

amendment to keep margarine from being passed off as butter in restaurants. But the oleo forces got the amendment killed.

Now the senate seems determined to add that protection. If this happens, the bill will have to go back to the house for compromise. By that time, it might be too late. Congress may be too busy to repeal oleo taxes before it goes home.

A Department of Agriculture advisory committee has come up with a new idea: Special pig-raisers to produce feeder pigs for sale to grain farmers.

Under this scheme, corn growers wouldn't worry about raising pigs. They'd buy what they needed from the "pig hatcheries."

The committee's argument is that the specialists could produce pigs more cheaply than the average farmer. And they could turn out pigs the year around.

The advisory committee claims that the plan would help both the growers and the packers. It would even out hog marketings and so cut down on heavy movements to market at certain times of the year.

Does Your Milker HELP Produce GRADE A MILK?

J. C. MARLOW

Is the Pail Easy to Clean? The Marlow stainless steel pail is seamless with smooth, rounded corners. Easy to wash . . . wide mouth . . . inside plainly visible.

Has the Cover Any Valves or Spigots? Automatically-sealed cover eliminates milk vapor and bacteria in stanchion hose and pipeline. No hard-to-clean spigots or valves . . . cleans as easily as a dinner plate. Tapered red gum rubber gasket can't slip off when emptying pail.

Is the Claw Built "Straight-Thru?" You can brush straight thru the large claw nipples—*in* one and *out* the other. No hard-to-get-at corners . . . no metal threads to catch dirt and bacteria.

Inspectors and Fieldmen are Enthusiastic about the Marlow sanitary features. Those who have seen it agree that it helps produce Grade A milk by being easy to clean.

W. A. Simpson, Northfield, Minn., a user, writes, "Have used the Marlow several months. No milk or moisture gets into stanchion hose and pipeline, which means a lot as we sell whole milk. Sealing the cover without a spigot sure makes it easier to clean. The Marlow makes it easier to produce Grade A milk."

J. C. MARLOW MILKING MACHINE CO.
Dept. I • Mankato, Minn.

This low vacuum milker developed by J. C. Marlow after 40 years of experience breeding purebred dairy cattle and selling and servicing milkers.

WRITE for information on profitable Marlow milking.

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SAFE • FAST • CLEAN MILKING

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WILL GIVE YOU REAL *SILAGE SATISFACTION*

The Blizzard handles any crop—wet, green or dry—delivers it at any angle direct from blower fans to silo, hay mow or pit silo without troublesome elbows. This all-angle pipe outlet is one of Blizzard's exclusive features NOT AVAILABLE IN ANY OTHER MACHINE. Blizzard's 15 unusual features of advanced engineering and construction mean many years of easy, trouble-free operation with complete satisfaction—the reason Blizzard is the choice of so many successful farmers.

Get the Blizzard Catalog, also the valuable Blizzard Booklet, "The Why and How of Grass Silage" from your nearby Blizzard Dealer or Service Distributor or write.

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First Aid for Stock

Spray Or Dip Kills Mange Mites

To the Editor: How can I get rid of scurf on my brood sows?—P. S., Hardin County, Iowa.

Mange mites are the usual cause of a scurvy skin surface. To get the skin back to normal, it is necessary to kill the mites.

Liquid lime used as a dip—in a strength of one part to about 15 parts of water—will do the job if repeated several times.

One ounce of nicotine sulphate in each five gallons of water also makes a good dip. Petroleum oils applied as a spray are good, but don't use on pregnant sows.

A new drug, called benzine hexachloride, is a very effective treatment for mange and scab. It is sold under various trade names.

Sweet Clover Mold Affects Blood

To the Editor: I would like to know if it would hurt cattle or horses to turn them on sweet clover.—W. F. R., Woodbury County, Iowa.

Sweet clover is all right as pasture if it is kept pastured closely.

There is a mold that sometimes develops in the pith of the larger stems of sweet clover. Sweet clover that lodges in ditches or on spots of rich ground is most likely to have this mold.

This sweet clover mold will slowly poison animals and result in a bad blood condition.

Cattle seem a little more subject to this poisonous effect than horses. We believe, however, that there will be little danger to any class of stock if the sweet clover is pastured heavily.

Clean Ground Stops Coccidiosis

To the Editor: Our six-week-old chicks have coccidiosis. They were hatched from a flock which had the disease last summer. Could this have been passed on to the chicks thru the eggs?—D. R., Fayette County, Iowa.

Coccidiosis is an intestinal disease of poultry caused by small organisms that live in the soil.

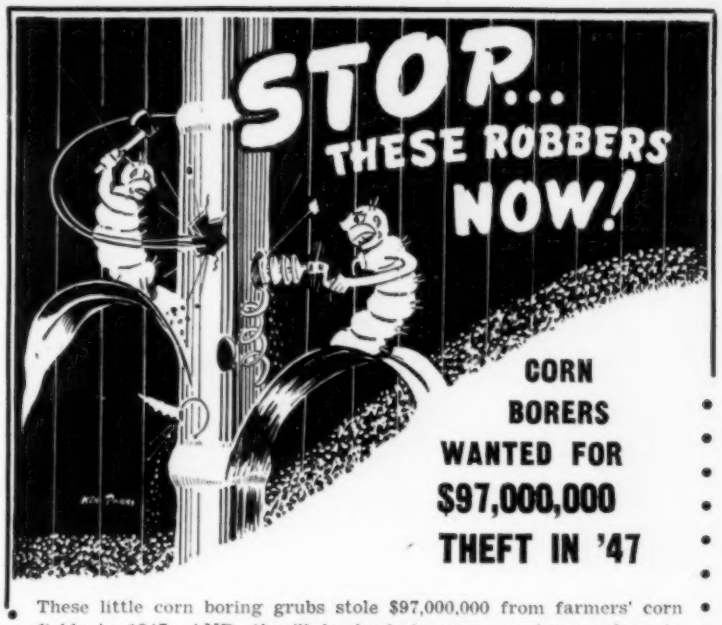
Last year's diseased hens may be responsible for your attack of coccidiosis. The disease is not carried in the egg, but the old hens may have left it in the soil.

Sick chicks should be removed from the flock. Then keep deep litter in the house, and stir the litter often to keep it dry.

Feeding the diseased chicks on milk, or mashes high in milk products, seems to help, too.

A little sulphur in the feed has been found helpful. But it should not be used long, because it might result in rickets.

As birds become older, they are more resistant to the infection. Few suffer after 12 weeks of age. But these older chickens carry the disease. So it is best to raise your chicks on new ground each year.

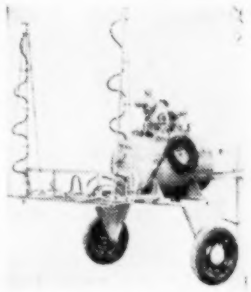


CORN BORERS WANTED FOR $97,000,000 THEFT IN '47

These little corn boring grubs stole $97,000,000 from farmers' corn fields in 1947—AND, they'll be back in even greater numbers in a very few days. They'll be chewing, biting and sucking the life from your corn . . . taking money right out of your bank account. If there's a really bad infestation, they'll get a third of your corn crop.

BE READY TO FIGHT

YOUR BEST ASSURANCE against this crop robber is an ESSICK MODEL 720 AIR POWER SPRAYER for weed and pest control. This unit is especially designed to get DDT right in around the stalk where it will do the most good. It can be towed at high speed thus permitting maximum daily coverage . . . And is the only type sprayer in which the chemical does not contact any moving part . . . no pistons—gears or impellors to wear out or corrode.



INVESTIGATE TODAY

Your dealer listed below is ready to make immediate delivery on ESSICK SPRAYERS NOW. See him today. He'll be glad to help you select the proper equipment to combat this crop robbing pest. But don't delay. The corn borer season is just ahead.

IOWA ESSICK AIR-POWER SPRAYER DEALERS

ADEL—Camp Implement
ANKENY—Farmers Supply
AUBURN—Ed Putbrese
AUDUBON—Roberts Weed & Pest Control
BADGER—Elton Seed & Milling
BOONE—Crouse Implement
BOYDEN—Boyden Hardware
BRITT—Mullins Hybrid Service
CEDAR FALLS—Chemical Spraying Serv.
CENTERVILLE—Langfitt & Herndon
CHEROKEE—Eagle Implement
CLEGHORN—Elmer Gowan
CONRAD—Clarke Hybrid Corn Supply
CRESTON—Ken's Spraying Service
CUSHING—Ohme's Feed Store
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Hawkeye Machinery
DYSART—Lames Farmer Supply
ELLSWORTH—Wells Implement
EMMETSBURG—Vandy Seed
ESTHERVILLE—Estherville Products
FAIRFIELD—Noller Bros.
FORT DODGE—Webster Hybrids
GARWIN—Lorenzen & Beale
GRAND JCT.—Teagarden Chevrolet
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INDIANOLA—Laverty Seed Farm
IOWA FALLS—Schalk Feed & Supply
KAMRAR—E. O. Brill
KEOTA—Keota Spray Service
LAMONT—Floyd L. Kuhn
LE MARS—Dowds Farm Supply
MELBOURNE—Weimers Implement
NEWTON—Newton Seed Store
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PERRY—Lucien S. Doran
PRIMGHAR—Anderson Hatchery
RED OAK—Pfeiffer Farm Service
ROCK VALLEY—Van's Commercial Spray Service
SEARSBORO—W. Lester McDowell
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Homemaking Department

Edited by **ZOE MURPHY**

Nancy helps her foster-mother, Mrs. Harry Purdy, Polk county, Iowa, make an apple pie. Darrell and Mrs. Purdy's own little boy look on.

Other Folks' Children

"MARY'S first words in our home," said Mrs. Harry Purdy, Polk county, Iowa, "would have done justice to a dock worker." But Mary was a tiny orphan who had been moved around with no home, love or security. That is, until she came to the Purdys'.

Mary was the first of 24 children the Purdys took into their home.

The Purdys were childless. Mary was an experiment. The joy and the satisfaction she brought to her foster-parents made them keep right on.

Mary is a fine woman now. She's married and has four children of her own.

Two foster-children are still being taken care of in the Purdy home. Nancy is 11 and Darrell is 7. Their good health, and good adjustment at school, show the wonderful care they are receiving in their home.

After 24 years in the rearing of other folks' children, Mr. and Mrs. Purdy now have a child of their own.

There are more of these foster-parents scattered over Iowa than one would think. There are several hundred. They work in cooperation with various groups interested in providing good care for these homeless children.

One of these groups is the Iowa Children's Home Society. It has used the foster-home care extensively. The society makes an effort to select homes in which the children will receive the care and affection and security they need.

One such home is that of Mr. and Mrs. Frank Bucklin, of Jasper county, Iowa. The first thing you see as you drive up the lane to their neat farm house is a sign. The sign was fashioned by a young hand, for the "N's" and the "E's" are consistently backward. But the sign is eloquent even tho it is lettered on a board from the kindling pile. It says: "The Bucklin and Elston Farm."

The Elston shares belong to two small boys, Don and Jimmy, aged 13 and 11. These boys are under the foster care of Mr. and Mrs. Bucklin.

Don and Jimmy, like so many other children, came from a broken home. Two 'teen-aged sisters tried to hold the family together for a while, but it was too much for them. The Iowa Children's Home Society placed the two girls in a fine home in Des Moines. The boys were placed under the splendid care of the Bucklins.

The older girls come down to see their brothers often. Last summer, they all went on a trip to the Black Hills together.

Mrs. Bucklin said, reflectively: "I never expected Mr. Bucklin to feel so young again that he would go roller-skating. But that's what he did recently with the boys."

Finding suitable foster-homes is one of the major tasks of the placement agencies. One problem is to find a home for the children who have come under the care of the juvenile court.

Many of the children are good boys and girls who haven't had a chance for a normal life.

Mr. and Mrs. Lyman Oaks, Madison county, Iowa, have had big success with boys of 16 and 17 years. Some of these have a juvenile court background, and others haven't.

They are especially proud of one boy who came to them with a court background. Now he is an outstanding expert in horticulture. He is married and has a beautiful family.

At present, Henry is the "Oaks" boy. Mr. and Mrs. Oaks offer him a free home, and he's a real son to them. He's also a companion for their daughter, Shirley.

Right now, the big interest in the Oaks household is Henry's 4-H calf. Last year, his 4-H hog brought him $63.

The Oaks and the Purdys and the Bucklins and all of the others who have taken children into their homes have found that they brought great responsibilities, but greater happiness.

But only Henry and the other boys and girls who have been fortunate enough to be raised thus can tell what it means to be given a real home.

The big interest of the Oaks household is Henry's Holstein calf—a 4-H Club project. Henry made the halter in his vocational agriculture class at school.

Death in Home of Country Air

"Country Air," by Mrs. Elizabeth C. Wherry, does not appear in this issue.

Mrs. Wherry's husband—"Don"—known to our readers as the "m. of the h.," died very suddenly, May 6.

We know that Mrs. Wherry has the sympathy of all of her readers. We hope it won't be too long until she can fill her regular place in the paper.

Keep Ants Away

ONCE I moved into a house which I later found was infested with insects. It was one of the most frustrating experiences I had ever had. When I put a newly baked cake on the shelf, I had a glow of pride because it looked so good. An hour later, I sat down and cried. The cake was covered with ants, crawling all over the delicate morsels.

I had seen some cockroaches the first week I moved in. So I cleaned and scrubbed around the baseboards, under the sink, and in all the dark corners.

I dusted with every kind of powder advertised at that time. A few of the insects died, but soon another hoard descended on me. So it went for weeks.

I fought them with every remedy known, but it took weeks—yes, months—before I had them under control.

You see, this was all before the new insect sprays and powders containing DDT had been invented. Now, a homemaker who finds herself in the same situation can do something about it quickly.

Of course, she still has to scrub to keep the corners clean. But, after she has done that, it's a simple matter to get rid of any insects that may appear.

In the case of weevils, for example, she can clear out her cupboards, clean them thoroly, and then spray them with a 5 per cent DDT solution. The deposit of crystals left after the spray dries will be effective for months. It will kill any insects that crawl into the cupboards.

An occasional insect can be sifted out of flour thru a fine sieve. Then the flour should be sterilized in a 140-degree oven for 30 minutes and stored in a clean and tight container. Heavily infested food should not be used except for animals or chickens.

Ants can be killed by using 5 per cent DDT in an oil spray in their runways. Also spray behind the baseboards, window frames, around the sink, table and chair legs, on pantry shelves and in all crevices.

Be sure to cover food or move it away before spraying.

A stronger solution is needed to kill cockroaches. Use a 10 per cent DDT dust along the roach runs, in cracks and crevices, in dark places around pipes, and on the underside of drawers.—G. J.

Dresses That Defy Hot Weather

No. 1759—Youthful daytime dress for juniors. Buttoned shoulders, shaped neckline and full flared skirt. Sizes 11, 12, 13, 14, 16, 18.

No. 8318—For summer activities. Crisp, well-fitting dress with slanted lines for accent. Sizes 12, 14, 16, 18, 20, 40 and 42.

No. 8293—A softly tailored two-piecer to make up in a gay tie print. Note the waist-whittling peplum. Sizes 12, 14, 16, 18 and 20.

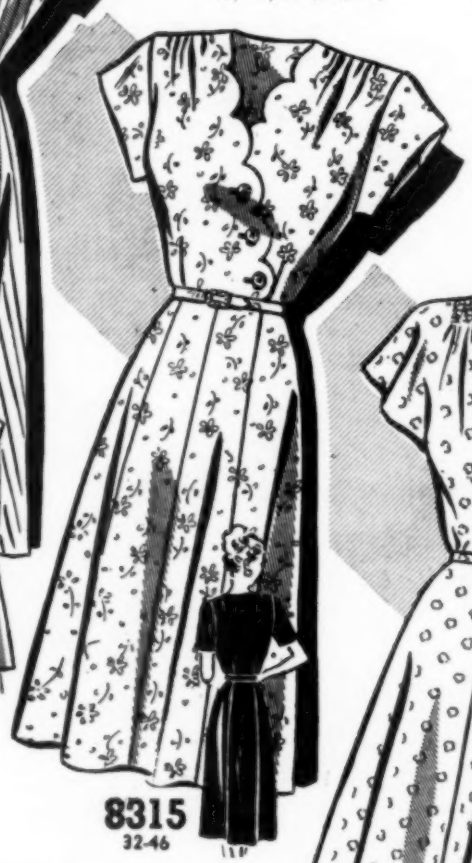
No. 1763—You'll need just one yard of bright fabric to make each of these lovely blouses in the smaller sizes. Sizes 12, 14, 16, 18 and 20.

No. 8122—This simple dress for a miss of four to twelve is ideal for school days. Nice for summer parties, etc. Sizes 4, 6, 8, 10 and 12 years.

No. 1758—Want something that goes together quickly and easily? Then make this adorable princess style. Cute applique and trimming. Sizes 2, 3, 4, 5, and 6 years.

No. 8313—Perennial favorite in every warm-weather wardrobe. Handsome shirtwaist frock that's cool and comfortable. Sizes 14, 16, 18, 20, 40, 42, 44 and 46.

No. 8315—Gentle scallops edging the neck and front closing make a pretty finish for a woman's afternoon frock. Sizes 32, 34, 36, 38, 40, 42, 44 and 46.



No. 8311—Makes larger figures look slim and well groomed. Just right for temperature-soaring hours. Sizes 36, 38, 40, 42, 44, 46, 48, 50 and 52.

Patterns are 25c each (coin or stamps; coin preferred). Order from Pattern Department, Wallaces' Farmer and Iowa Homestead. CAUTION—Be sure to give name and address with order.

WONDER PLASTIC
Keeps Your Foods Fresh

More than 150,000 housewives are enthusiastic users of this latest way to keep foods fresh, tasty at low cost—with Handi-Bags! Made of special plastic, Handi-Bags permit vegetables to **breathe** oxygen, yet are moisture-proof. Lettuce and other greens stay fresh and crisp more than a week. Bread and pastry stay moist and tasty. Handi-Bags keep lunches and picnic foods fresh until serving time. Use Handi-Bags over and over; will not crack or peel. Set of 6 bags ($1.75 value) only $1.00 complete:

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1—8½"x15" bag for cheese
2—8½"x12" bags for butter
6—Handy closing clips

Enjoy foods kept fresh in space-saving Handi-Bags and cut grocery bills. Order now. Send $1 for each set today. We ship immediately prepaid. Money-back guarantee. No. C.O.D.

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You'll always remember his baby days . . . and how you'll cherish his tiny shoes. Preserve their sweetness forever in lasting bronze.

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Our Ads Are News!

Everybody's Say-So

Too Many Visitors

Dear Editor: Please publish an appeal to the "visiting" public. We don't know of any other way to tell them without hurting some of our personal friends.

Six years ago, my husband and I bought a small cottage on a nice river front. We are elderly people, but thought we could manage. Our investment was not too great.

Soon, so many friends, relatives, even strangers, began to make our river-front cottage their home on Sundays, holidays and weeks ends that we can hardly make a go of it. Our budget was short, after paying for bacon, eggs and butter at high prices.

In one month, I cooked 105 extra meals. Few of those who came ever brought even a basket lunch. Many were good friends. A family of six came three times in seven weeks, for dinner and supper.

Some bragged of their lockers full of beef, pork and chicken, and told us of the eggs they had, good apple crops, etc. But not a pound of this produce reached us to help feed them. Often, for three or four days after we had such crowds, we had no money to buy food for ourselves.

Do you think this attitude of visitors is fair to old folks? Maybe some who read of our experience will not be so quick to pile in on old people. They should bring food with them for a pot-luck meal.

We have called in a real estate dealer and plan to sell our river home. We're tired of running a free boarding house.—Subscriber.

Good Hired Men

Dear Editor: I'm glad we have a hired man. Except for the first few months, since we started to farm we've had a year-around hired man. Most of the time it is one man, but we have had as many as three. I mend, cook and do the laundry for these men.

In return for my services, on a rainy day I get a vacation from washing the milker and separator. Bill, the hired man, knows it is my regular job, and not an enjoyable one, and considers himself lucky he doesn't have to do it all the time. Furthermore, I often think he does a better job than I.

While I'm writing this letter, our two-year-old son is out watching Bill build the garden fence. Does Bill look after him? Yes, and answers his questions and talks to him as tho it was a pleasure to have his company.

In our family, everyone has his likes and dislikes in regard to eating, but still we manage to enjoy the meals. In planning, I try to have not more than one thing a person dislikes at a meal. If one member has a favorite food, I serve it occasionally, and we all sample it, altho we may not care for it.

I'm looking forward to a long life on the farm. There will be cooking, mending and laundry jobs by the gross, but we'll have cooperation, and I am glad I feel physically able to do the job.—Satisfied Homemaker, Woodbury County, Iowa.

Home-Canning

helps you beat High Food Costs...

Home canning of carefully selected, ripe, freshly picked fruits and vegetables when the supply is most abundant and prices lowest will give you a delicious, wholesome, well-balanced diet the year 'round—with considerable savings.

Can more, be healthy, wealthy—and *wise*, use Ball Jars and Caps!

and best of all . . the new **Ball DOME (Vacu-Seal) LIDS**

Make sure each jar is perfectly sealed. There's one *positive* test. Use Ball Dome (Vacu-Seal) Lids – the only two-piece metal cap with the *dome* in the lid. Just press the lid to test the seal. If dome is down, jar is sealed. This new exclusive feature of Ball gives you the surest, easy-to-use cap on the market. Fits all Mason jars.

Ball JARS and RUBBERS

Ball Jars have been the housewives' preference for more than sixty years. Their uniform quality gives you that added assurance that the contents are flavor-safe! Buy the carton with the big red ball on the sides.

Ball ZINC CAPS

Fit all Mason jars and seal with a rubber ring on wide sealing shoulder. Can be used over and over again! Favorites for more than three generations, Ball Zinc Caps are preferred by many housewives.

Buy the Ball Blue Book (canning methods and recipes) from your grocer or send your name, address and 10c to
BALL BROTHERS COMPANY, Muncie, Indiana

Millions of busy homemakers know through their own experiences that they can depend on a NATIONAL PRESSURE COOKER-CANNER for safety, speed, economy and simplicity in home cooking and canning.

Made by the pioneers in the pressure cooking field, and backed by 33 years of scientific research, thorough testing and pressure cooker manufacturing experience, NATIONAL PRESSURE COOKER-CANNERS are made in two sizes. Both come completely equipped with inset pans, rack, wire canning basket, and a copy of the valuable recipe and instruction book, "The Modern Guide to Home Canning and Cooking."

Insist on a NATIONAL PRESSURE COOKER-CANNER for best results in cooking and canning.

AVAILABLE WHEREVER QUALITY HOUSEWARES ARE SOLD.
NATIONAL PRESSURE COOKER COMPANY, Eau Claire, Wisconsin
MAKERS OF WORLD FAMOUS PRESTO COOKERS

COOKERY CORNER

White Mountain Strawberry Pie

1 quart of choice strawberries
1 cup of sugar
3 tablespoons of water
1 tablespoon of corn syrup
1 egg white
¼ teaspoon of vanilla

Wash and stem ripe strawberries and drain well. Place in a baked pie shell. Combine sugar, water, syrup and egg white in a double boiler. Cook over boiling water for about seven minutes, beating constantly with a rotary beater. Remove from stove, add vanilla, and continue beating until cool and thick enough to spread. Pour over berries and pile roughly, as in icing a cake. Cook until a crust forms on top before serving. Serves six, and is a very attractive dessert.—Mrs. G. L. Johnson, Calhoun County, Iowa.

Chicken Croquettes

1¾ cups of ground cooked chicken
¼ teaspoon of celery salt
1 teaspoon of lemon juice
Few drops of onion juice
1 teaspoon of chopped parsley
Salt and pepper
1 cup of thick white sauce
Fine crumbs
1 egg, beaten

Add chicken, celery salt, lemon juice, onion juice, parsley, salt and pepper to white sauce. Cool, shape, dip into crumbs, then into egg and again into crumbs. Fry in fat at 375 degrees for from two to five minutes. Serves four.—Mrs. Bud Crawford, Wyandotte County, Kansas.

Bing Cherry Dessert

2 cups of juice of cherries and water and pineapple juice
¼ cup of tapioca
⅔ cup of crushed pineapple
Pitted cherries from a pint
1 cup of cream, whipped
¼ to ½ cup of nutmeats, as desired

Cook the tapioca and juice until the tapioca is clear. Remove from fire and cool. Add the pineapple, cherries and nuts, and lastly the stiffly beaten cream. If your cherries are not quite sweet enough, add sugar to the whipped cream. This dessert can be made early and stored in the refrigerator till time to serve. It is especially good with crackers. Serves eight.—Mrs. R. G. Rhodes, Osceola County, Iowa.

Apple-Cheese Sandwich Bread

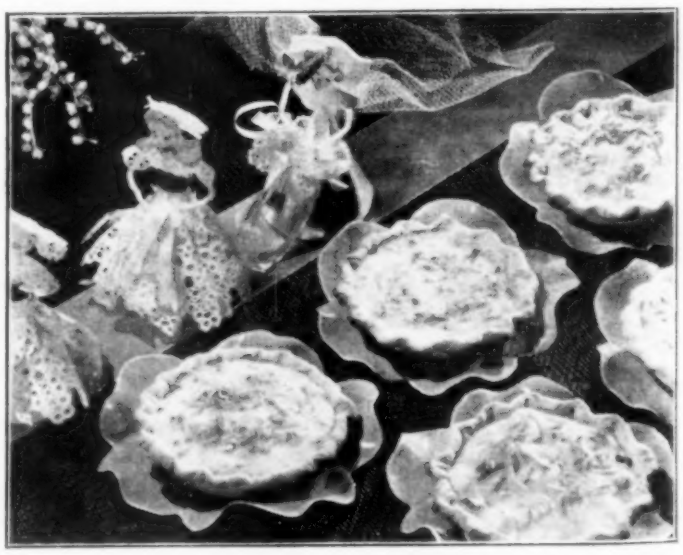
½ cup of shortening
⅔ cup of sugar
2 eggs
1 cup of ground, unpeeled apples
2 cups of flour
1 teaspoon of baking powder
1 teaspoon of baking soda
½ teaspoon of salt
½ cup of grated American cheese
¼ cup of chopped nuts

Cream together shortening and sugar. Beat eggs, add apples and juice. Sift together flour, baking powder, baking soda and salt. Add alternately with egg mixture to creamed mixture. Add cheese and nuts. If apples are not juicy, add a small amount of milk. Bake in greased loaf pan in a moderate oven for one hour.—Miss Myrtle Odland, Wright County, Iowa.

Veal and Noodle Stew

1½ pounds of veal shoulder cut in one-inch cubes
¼ cup of flour
1 teaspoon of salt
⅛ teaspoon of pepper
2 tablespoons of fat
2 cups of water
2 onions, sliced
1 medium green pepper, chopped
1 clove of garlic
1 package (four ounces) of noodles, cooked
½ cup of cream
¼ teaspoon of paprika

Dredge veal cubes with flour. Season with salt and pepper, and brown on all sides in hot fat. Add water, onions, pepper and garlic clove. Simmer until veal is very tender, from one and a half to two hours. Remove the garlic clove. Add the cooked noodles and the cream. Heat to boiling point over low heat. Sprinkle with paprika and serve at once. Serves four to six.



Pink Bride's Dessert

1 envelope unflavored gelatin
¼ cup of cold water
½ cup of boiling water
½ cup of sugar
⅛ teaspoon of salt
2 egg whites, beaten stiffly
1 cup of cream, whipped
½ cup chopped maraschino cherries
¼ cup of toasted coconut

Soften gelatin in cold water and dissolve in boiling water. Add sugar and salt, and stir until the sugar is dissolved. Cool. When mixture begins to thicken, fold in egg whites, cream and cherries. Turn into baked tart shells. Sprinkle top with toasted coconut. Chill until firm. Yield, six tart shells.

ATLAS JARS

DOUBLE TESTED for STRENGTH

Don't gamble with your preserves. ATLAS JARS are *double tested for strength* — strength under strain, by the scientific Polariscope; strength under heat, by boiling water. Strong and safe for all methods of canning. Clear, crystal glass. Available in all popular sizes with regular and wide mouth openings, except the half pint available with regular openings only. Get your supply today.

Also ask for **ATLAS CAPS**

HAZEL-ATLAS GLASS CO.
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BACKACHE, LEG PAINS MAY BE DANGER SIGN

Of Tired Kidneys

If backache and leg pains are making you miserable, don't just complain and do nothing about them. Nature may be warning you that your kidneys need attention.

The kidneys are Nature's chief way of taking excess acids and poisonous waste out of the blood. They help most people pass about 3 pints a day.

If the 15 miles of kidney tubes and filters don't work well, poisonous waste matter stays in the blood. These poisons may start nagging backaches, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder.

Don't wait! Ask your druggist for Doan's Pills, a stimulant diuretic, used successfully by millions for over 50 years. Doan's give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from the blood. Get Doan's Pills.

BUY U. S. SECURITY BONDS

Use Care In Canning

THERE is always a cause for home-canning failures. Let's not blame it on luck, when many careful housewives can year after year without any losses.

These are some of the precautions they observe:

1. Careful sterilization of all utensils.
2. Rapid transfer from garden to jar. (This insures more of that garden-fresh flavor, too.)
3. Care in packing of the jars.

"I just take a cob and push the corn in as tightly as I can," said one housewife. She was inviting failure from the start.

In the first place, corn is perhaps the hardest vegetable to successfully preserve. And it is likely to pack too tightly, even without the help which the woman was giving it.

Why not pack tight? Because heat can not reach the center of the jar so readily—sides get much hotter than the center, unless circulation of the liquid is possible.

A fourth precaution for careful housewives is the use of a pressure cooker for non-acid vegetables and meats, to make certain that all harmful bacteria are destroyed in the processing. Care in following the time and pressure chart for each different product must be observed.

Finally, there must be care in sealing. This means new rubber rings, new caps when defective, and testing of the seal after processing.

Embroidery Beauties

No. 5092—Crocheting and embroidery are combined in this handsome chair set. Crocheted pineapple motifs are so worked as to form the spreading "fan." A bright and colorful addition to your living room.

Patterns may be had for 20c each, in coin stamps (coin preferred). Send orders to Pattern Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. CAUTION: Be sure to include your name and address.

Mmmm...that Ripe, FRESH Strawberry Flavor!

For wonderful flavor, try this quick and easy Sure-Jell recipe!

SURE-JELL STRAWBERRY JAM

4 cups prepared fruit
6½ cups sugar
1 box Sure-Jell

To prepare fruit, crush about 2 quarts fully ripe strawberries.

Measure prepared fruit into a large saucepan. Measure sugar into bowl; set aside.

Place pan holding fruit over high heat. Add Sure-Jell, stir until mixture comes to a hard boil. Stir in sugar at once.

Bring to a *full rolling boil* and boil hard *1 minute*, stirring constantly.

Remove from heat, skim, ladle quickly. Paraffin at once. Makes about 10 six-ounce glasses.

Make enough to last ALL WINTER! Jam is so quick, so easy, *so* delicious—made with Sure-Jell.

A Product of General Foods

Reduces Coccidiosis Losses

Increases Poultry Income

Dr. Salsbury's
REN-O-SAL
Double-Purpose
Drinking Water Medicine
Easy-to-use...Tablets Dissolve Quickly

PREVENTS SPREAD OF CECAL COCCIDIOSIS

Chicks saved from Cecal Coccidiosis increase your poultry income. And, *you can depend* upon Dr. Salsbury's REN-O-SAL to prevent needless losses. Has reduced losses in thousands of flocks.

At the first signs of an outbreak (bloody droppings), give your flock eight REN-O-SAL tablets to each gallon of drinking water. Just drop handy tablets into the water; mix thoroughly. No complicated work. Tablets dissolve easily.

These benefits have been test-proved, using customary feeds: *Faster growth, quicker maturity, earlier egg production.* So, keep REN-O-SAL on hand. Use REN-O-SAL in chicks' drinking water *regularly* in small doses for *faster growth* . . . and in *larger doses,* when Cecal Coccidiosis strikes.

HELPS CHICKS GROW FASTER

Get the large economy package of Dr. Salsbury's REN-O-SAL at hatchery, drug, and feed stores, now.

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A Nation-wide Poultry Service

Always ask for *Dr. Salsbury's* . . . a complete line of poultry medicines. Yes, ask your dealer for *Dr. Salsbury's.* Buy where you see this emblem.

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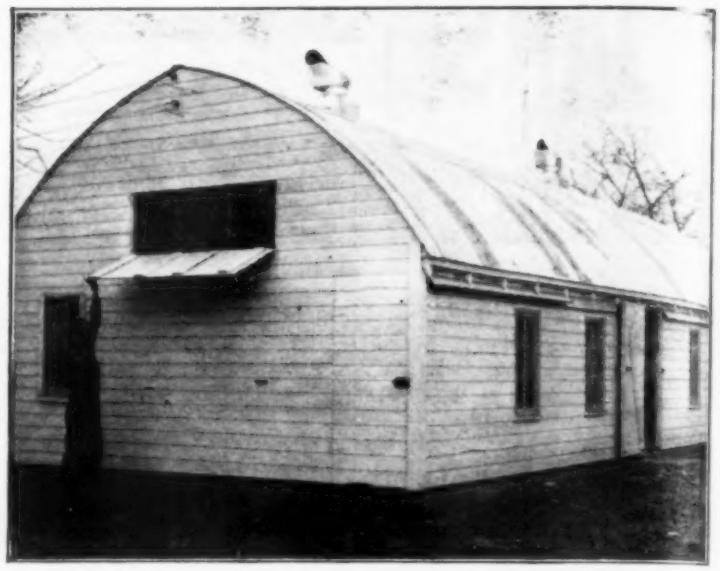
Dr. Salsbury's
REN-O-SAL
The ORIGINAL Drinking Water Medicine
That Prevents Cecal Coccidiosis

For Dependable Poultry Medicines, Ask for "Dr. Salsbury's"

THE FARM FLOCK



Feed Goes into bins in Gerald Pearson's hen house, Jasper county, Iowa, thru this drop door (see picture, opposite page). Note roof ventilators and six-inch slots running full length of the house above windows. These, plus good insulation, keep house dry.

Hen House Is No Jail

Your Flock Will Lay Better Inside

TURNING hens outdoors in the summer is just a habit—a bad habit.

"I used to turn my chickens outdoors," says Mrs. Harvey Rostat, Adair county, Iowa. "But I have not done so for years now. It just does not pay."

Mrs. Rostat has figures to prove it. She been a cooperator in the Iowa State College Record Demonstration Flock Project since 1937. And, since she has kept her hens shut up, yearly egg production has jumped from 113 to 189 per hen.

Look at the table below. It is a summary of records kept by flock owners. Figures show how much money you lose when you let hens run all over the farm.

Why do 75 per cent of Iowa poultry raisers turn hens outdoors as soon as the weather warms up? Maybe they think the flock likes to be outside.

But keeping pullets in the hen house is not like sentencing them to jail. It's 12 months of luxurious living.

Instead of scratching for food, the well-fed pullets delight in a chance to eat, drink and lay.

Some Iowa farmers say: "I always get more eggs when I turn my chickens out." Records say that isn't so. If it's true with your flock, something besides housing is at fault. Turning birds out will not make up for a poor diet.

Other flock owners think exercise, sunlight and grass help the health of their flocks. That's true if the ration is short on fish-liver oil or alfalfa meal. But a proper ration in the house will give hens more vitamins than they can possibly get outside.

Exercise? Too much simply cuts down on eggs. Hens can't run and lay eggs both.

Any benefits from sunshine or green feed are destroyed by parasites and disease germs lurking in the farmyard. Cholera, typhoid and tuberculosis easily live in the soil from year to year. Confined birds are protected if the house was properly cleaned before the pullets were put inside.

Maybe you think birds in the house are more work. Again the records don't agree. Deep litter, automatic water fountains, self-feeders and other labor-savers mean less work per dozen eggs.

"My hens pick up lots of feed around the place," say some farmers. But a 200-hen flock eats 20,000 pounds of feed a year. So the 500 to 1,000 pounds the hens might pick up is just a drop in the bucket.

Also, most waste feeds picked up in the barnyard make fat, not eggs. Eggs can't be made from green grass and grain from the manure pile. — W. R. Whitfield, Iowa State College.

CONFINED HENS PRODUCE MORE

(Figures from 1947 Iowa Demonstration Flock records)

	Flocks Shut Up	Flocks Turned Loose
Average eggs per hen	193	165
Pounds of feed per hen	105	102.7
Expense per hen	$3.86	$3.85
Average cost per dozen eggs	0.24	0.29
Profit per hen	1.82	1.12
Labor income per hour	1.72	0.85

White Leghorns BIG TYPE

Fine Egg Laying Strain. 100% Blood Tested. 100% Live Arrival. Heavy Production Matings.
Brown Leghorns $10.50
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New Hampshires ..... $ 9.75
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4 Wk. Started Pullets
Write for Catalog and Prices or Order Direct

$9.65 per 100 Nonsexed PULLETS $16.65

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MAMMOTH WHITE PEKIN DUCKLINGS

$24.00 for 100. $13.00 for 50. $7.50 for 25. Postpaid
Live delivery guaranteed
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DAY OLD U. S. APPROVED AAA GRADE
Pullet Sale

	Per 100
White Leghorn Pullets	$14.90
White Rock Pullets	10.90
New Hampshire Pullets	10.90
Brown Leghorn Pullets	17.90

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Immediate Parcel Post Shipments.
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4 --- 6 WEEKS OLD WHITE LEGHORNS

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ECONOMY HATCHERY, Warrensburg, Mo.

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SADIE STOUFFER HATCHERY, Waddams Grove, Illinois

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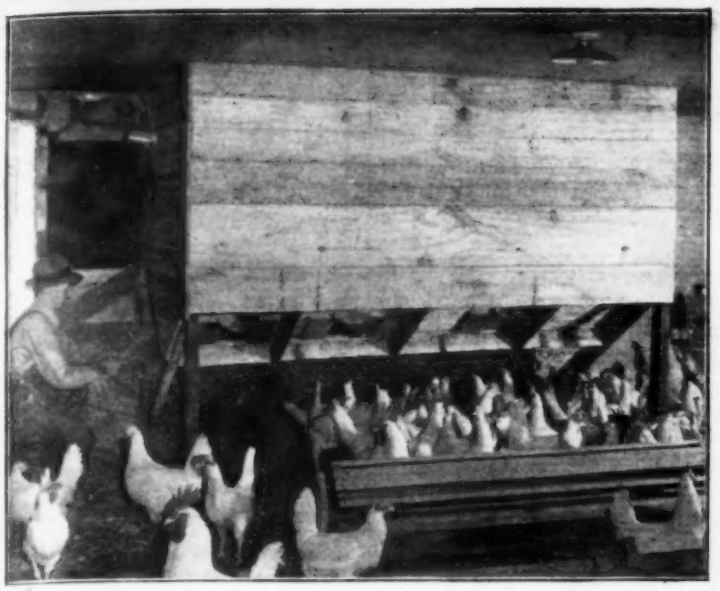

Handy Feed bins in laying house save work for Gerald Pearson, Jasper county, Iowa. Wire rack beneath holds alfalfa. Bins hold 30 bushels of corn, 15 of oats and 15 of mash. They are filled easily thru door at end of house (see picture on opposite page).

Heat For Late Chicks

Electricity Makes Summer Brooding Easy

To the Editor: Today, we let our hens out on range—for the first time since our final culling and blood-testing, last November.

The birds have been on sun porches, but have not had their feet on the ground. So they are enjoying the experience.

Keeping our laying flock over a second year—for hatchery breeding purposes—will be an interesting experiment for us. Now we can really see just how much the production of second-year hens goes down.

The move to range probably will mean fewer eggs. But that's all right, too. The hatchery wants an early molt so the hens will have a chance to get back into good shape for next year's hatching season.

Our second-year experiment won't do away with the baby chicks entirely. We will raise our own breeding cockerels plus some late fries to store in the locker.

I'm thankful we have electric brooders. They make summer chicks much easier to handle.

I shall never forget one terribly hot June day several years ago. A neighbor asked me to take her to town to get her chicks. When we got them home, her back porch temperature was 100, and smoke was pouring from the brooder house chimney. I gasped for breath while we were getting the chicks settled.

It is a joy to know—with an electric brooder—that the heat automatically cuts itself off when you don't need it. And when it gets a bit chilly toward evening, the little pilot light is a sign that all is well.

A friend, the other day, suggested that I write about the standard poultry raiser's problem: "How do we buy chicks at current prices, feed them high-priced feed, and even hope to make any profit?"

All I can say is this: Buy good stock, in numbers to fit your equipment and your ability to care for them properly. Feed them well and give them the best care you can. Don't crowd your houses. Cull closely, and cull every day.

I would not want to let good equipment lie idle and deteriorate. If you do a good job, I think there still is a chance for an even break on chickens. And good crops this summer should mean cheaper feed next winter.—M. B., Jasper County, Iowa.

Sarah Jane Says:

Eggs Fall Off

To the Editor: Corn planting still is under way as I write. Our horses step off briskly, and seem to know just how planting is done. In neighboring fields, tractor-drawn planters are running with the speed of machine guns.

Nothing of special interest to report on our chickens. The hens are cackling noisily, but we aren't getting quite as many eggs as a few weeks ago.

Our started chickens haven't arrived yet. But they may be here before I'm ready for them.

People in this part of the country will have a wonderful opportunity this month — the Midwest Institute of International Relations, at Drake University, June 10-18.

The institute is sponsored by Drake University and the American Friends Service Committee. This is the fourteenth annual session. Theme is "World Rehabilitation—Preface to Peace."

Experts on world government, the United Nations, Latin America, the Far East, Russia and Europe will serve as members of the faculty. Tuition cost for the nine days is only $15.

Drake University offers two hours of college credit to qualified applicants who finish the course. You can get further information by writing to American Friends Service Committee, 918 Locust St., Des Moines 9, Iowa.—Sarah Jane, Warren County, Iowa.

with HUBBARD'S Sunshine CHICK GROWER

The shortest distance to market is over the bridge marked "Hubbard's Sunshine Chick Grower". Here's a feed that's made for that important growing period—building pullets for egg production. You can get the same result in three ways: (1) Ask your Hubbard dealer to custom-mix your own grain with Hubbard's Sunshine 38% Chick Concentrate, according to formula (2) Get your dealer's own brand of growing mash made with local grain and Hubbard's Sunshine 38% Chick Concentrate (3) Ask for Hubbard's Sunshine Chick Grower, a complete feed in mash or granulated form. Any of these ways will meet an important nutritional need with a scientifically balanced *intermediate* ration.

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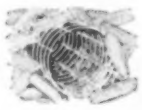
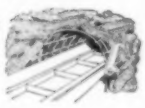


Recommended with the crib for faster drying of corn with high moisture content.

Behlen All-Steel TUNNELS



Provides channel for inserting conveyor belt for removing corn.

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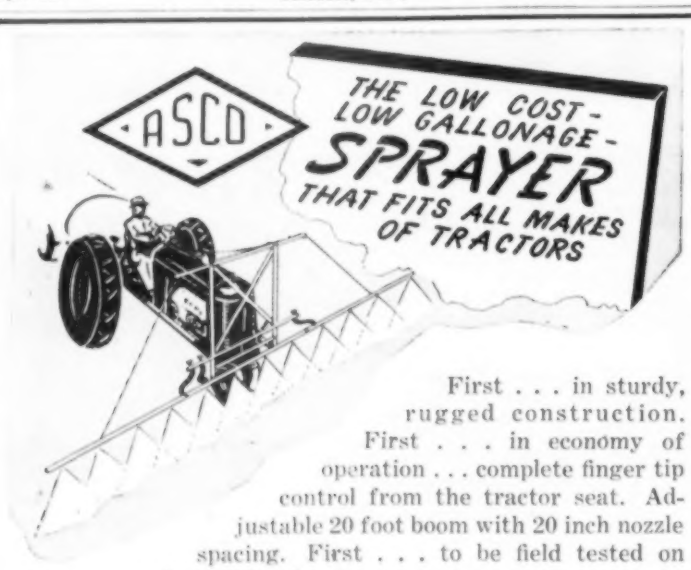

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To control the corn borer and raise increased yields of clean borer-free ears. The University of Illinois Natural History Survey reports an average of 10 percent increased yield in field corn treated in accordance with the Krop-Saver recommendations. Dust with Krop-Saver C B Dust —Spray with Krop-Saver 25 DE or 50 DW.

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Act to Enforce Bang's Test

CATTLE raisers who ship cattle out of Iowa have a lot at stake in the suspension of two Iowa veterinarians' licenses to practice. There's a story behind this suspension.

Iowa farmers ship both dairy and breeding cattle to farmers in other states. In 1947, there were 9,258 dairy and breeding cattle shipped out, according to Dr. H. U. Garrett, head of the Iowa Division of Animal Industry.

Under Iowa law, health certificates accompany these cattle. The certificates show that the cattle have been tested for Bang's disease and T. B. within 30 days of shipment. The test must show that the animals are free from the disease.

There has been suspicion that some breeders have been dumping their diseased cattle when a Bang's break occurred. They did it with the help of veterinarians who had the right to issue health certificates.

Other breeders have been irked at the Bang's test. Often cattle they thought to be healthy were positive when they were tested for shipment.

This produced a feeling among some cattle owners against the test and the regulations. Some were willing to avoid the test if they could. Then a shipment of 395 cattle was sent to Virginia farmers.

The Virginia buyers were suspicious of the health certificates which accompanied the cattle. So they decided to have the cattle retested.

About one-third of the cattle shipped to Virginia reacted to the Bang's disease test. None indicated tubercular infection, however, according to Doctor Garrett.

The result was an Iowa investigation. Livestock health certificates issued by Dr. Guy C. Brown, of Hudson, and Dr. Robert J. Lenz, of Marion, were under investigation.

First, the right of the two veterinarians to issue health certificates on cattle to be shipped out of the state was suspended. This accreditation is made by cooperative action between state and federal agencies.

Later, action of the veterinarians in issuing health certificates was considered by the Iowa state examining board for veterinary medicine.

The hearing, held in the office of Harry D. Linn, secretary of agriculture for Iowa, resulted in the suspension of the two veterinarians' right to practice.

A representative of the attorney general's department presented charges against Doctors Brown and Lenz.

These two veterinarians were charged with issuing false certificates. In some cases it was alleged that no test had been made at all.

Iowa officials point out that the market for Iowa breeding animals and for Iowa dairy cattle would be seriously affected if Iowa were suspected of issuing false health certificates. Such reports might even discredit dairy products from Iowa.

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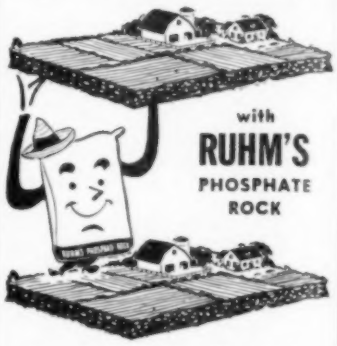
— get more from present acres —



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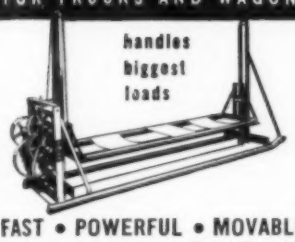

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Superior service award of the Farmers Home Administration goes to Doyle Schmitter, FHA supervisor in Davis county, Iowa, since 1936. He's one of six men in the U. S. so honored.

Farm News Briefs

MARKET BARROW classes at the 1948 Iowa State Fair (Des Moines, August 27-September 3) will carry a cash prize total of $3,678—up $215 from last year.

▲ ▲ ▲

IOWA STATE College's thirtieth annual Cattle Feeders Day will be held at Ames, June 18. Among tests to be reported on is one comparing feed value of good-land and poor-land corn.

▲ ▲ ▲

NEARLY 4,000 farmers in seven Iowa counties — Osceola, Buena Vista, Madison, Story, Floyd, Washington and West Pottawattamie—have bought government insurance on their 1948 corn crop.

▲ ▲ ▲

FARM BOYS AND GIRLS who win livestock, demonstration and farm exhibit prizes at this year's Iowa State Fair will collect a total of $26,000 in prizes, highest in the Fair's 90-year history.

▲ ▲ ▲

DR. R. E. BUCHANAN retires on July 1 as director of the agricultural experiment station at Iowa State College and dean of the college's graduate school. His graduate school duties will be taken over by Dr. Ralph M. Hixon.

▲ ▲ ▲

IOWA DELEGATES to the National 4-H Club Camp in Washington this month are: Phyllis DeWolf and Marilyn Solbeck, of Humboldt county; Richard Lomen, of Winneshiek county; Jack Lang, of Poweshiek county.

▲ ▲ ▲

FIRST OF A DOZEN Iowa State College field days will be the forage and production harvesting day. It will be held in Ames, June 10. The annual agricultural field day will be held June 15 at the pasture improvement farm of the college, near Albia.

▲ ▲ ▲

GRUNDY COUNTY led in Iowa's Security Loan drive at the end of the first month of the campaign, which runs until June 30. Grundy had reached 48.71 per cent of its quota. Total first-month sales in Iowa were 26 per cent of the state's $100-million quota.

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MASTITIS, BANG'S DISEASE, TUBERCULOSIS, BRONCHITIS, CHICKEN CHOLERA, WHITE DIARRHEA, HOG CHOLERA, HOG FLU

(Copies of independent laboratory test reports on request)

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Kills spiders, 90% less cobwebs for 8 to 10 months.

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New, safe, easy method Feeds Large Roundworms Out

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And remember, Pay-U is SAFE, because when you worm your pigs with it you are getting rigid laboratory control of sodium fluoride. Pay-U is the only large roundworm expeller containing sodium fluoride being sold in local drug, feed stores, hatcheries, and other stores handling livestock health products.

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424 So. Concord So. St. Paul, Minn.

Voice of the Farm

Dislikes "Military" Government

To the Editor: I am deeply concerned about this administration—which I call the military administration.

Thanks to Henry Wallace, the third party will get the votes in November. He is the man who will pull us out of this mess.

I am not a Communist, nor is Russia behind me. But we have lost our freedom.—B. S. Sissler, O'Brien County, Iowa.

For farm views on the draft, turn to page 16.—Editor.

Thinks Middlemen Make Too Much

To the Editor: Why should the farmer sell hogs, eggs and milk at a big loss when the middlemen are making the biggest profit they ever had?

The farmer is supposed to get half of what the consumer pays. And the middlemen get the other half.

But there are several times as many farmers as middlemen. Why should one middleman get paid as much as several farmers?—S. H. Lloyd, DeKalb County, Illinois.

Better be careful; somebody might call you a Communist.—Editor.

Says State Should Help Educate Children

To the Editor: You asked (in "Odds and Ends," March 20) why only 60 per cent of the children who finish eighth grade in one-room schools go on to high school.

Everyone knows sending a child thru high school is quite an expense. Just add to that the weekly bus fare that we parents have to pay. And now we are told that when the new term begins in the fall, we will have to pay $9 per month tuition for each of the 10 school months. The township pays $17 a month tuition, but the city (Davenport) is going to charge more, and the township just can not carry the extra load.

This means the average farm family in our county will be paying between $17 and $20 a month to get a child to high school.

Some families have two or three children of high school age, and the expenses are just more than they can afford, even tho it almost breaks their hearts to deny their children a high school education.

Now if the state would guarantee bus fare and tuition for the four years of high school, many more country children would be able to get a decent education.—Olivia M. Wiese, Scott County, Iowa.

There's no good reason why farmers should pay more to educate their children than anyone else.—Editor.

They Wouldn't Kick About Negro Nurse

To the Editor: I read your story about Negro nurses with great interest. I wouldn't mind a Negro nurse to care for me.

One hospital I was in had Japanese nurses, and they were wonderful. I like them better than our real American girls.

I know that Negro girls can be just as good as the Japanese girls if they get the training it takes to be a nurse.—Frank Barber, Lee County, Illinois.

To the Editor: If there were a well-trained, well-qualified Negro nurse in a hospital to which I was admitted as a patient, I would beg and implore that that nurse be put on my case.

I have learned to know the Negro and to love him. Every race has something special to contribute to the sum total of human happiness. I find that a happy Negro radiates happiness and has a Christ-like forgiving spirit.

That is the kind of nurse that I want — one who will keep me cheerful while I suffer pain, and one who will forgive my shortcomings as a patient.—Mrs. Martin Johnson, Story County, Iowa.

Not enough folks feel that way.—Editor.

Iowa FFA officers for 1948-49, elected last month, include (left to right): President Dale Hoover, Oskaloosa; Secretary Lindy Chrisinger, Winfield; Reporter Don Jorgenson, Lake City. Hoover was named "Star Iowa Farmer"; 103 others won "Iowa Farmer" degrees.

MANGY HOGS

DON'T PAY! *Hog mange, lice and other infestations stunt your hogs and steal your profits.*

Make Your Own HOG OIL and Clean Them Up

Here's a method of preparing the best, most effective hog oil, with the wonder drug "Benzine Hexachloride" base supplied by—

Dr. Jespersen's RIDEM The Famous Roost-Paint

Only one quart of RIDEM at $1.75 to 4 gallons of cheap oil (preferably kerosene or diesel oil). Makes total cost only about 55c per gallon—and you can't get anything better regardless of cost. For sulers or sprayers.

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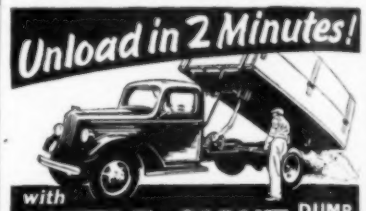

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SAVE YOUR BARN FROM THIS HAZARD

This is the season of greatest danger from the No. 1 cause of Iowa barn fires—spontaneous combustion. During haying time, take extra care, and observe these five safeguards. . . .

1 Be sure hay is properly cured before storing; don't put up wet or green hay.
2 Spread hay evenly in the mow. Avoid packing.
3 Keep the barn roof water-tight.
4 Don't depend on salt or compounds to prevent overheating.
5 Check the haymow every day for heat. (Drive a gas pipe into the hay and lower a thermometer. If it reads over 180° call your fire department.)

For more suggestions on safe hay storage, see your County Mutual. And ask about low-cost mutual protection for your property.

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WAGON

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Please send further information on the Stahmer Wagon.
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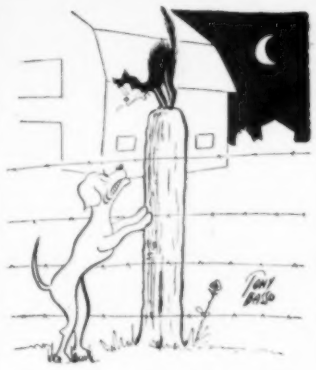
Save Money, Buy Bonds



"I withdraw that remark."

Ten Sows Farrow 143 Pigs

To the Editor: My wife threatened to desert me if I didn't send in my pig report.

I had 10 sows farrow from February 16 to March 3. These 10 sows farrowed 143 live pigs and one dead one. I knocked all the smaller ones in the head and gave some to neighbors.

Now the ones I saved are castrated, vaccinated, weaned — you might say "over the hump"—and I have 96 of them. Not a runt in the bunch! These were third-litter Spotted Poland sows bred to a Duroc boar.

I realize this is no record, but it is somewhat better than average—at least, better than my average. — O. C. Halblom, Mahaska County, Iowa.

Can anyone beat an average of 14.3 pigs per litter?—Editor.

Likes Our Slant On Free Speech

To the Editor: I am out in the "bush"—in the northeast corner of Nigeria—supervising the building of a new mission station. So I have just read your "Inside Stuff" for January 17.

I want to commend you for your courage in speaking out for free speech. Many people and organizations seem to feel that only they should be granted freedom of speech; when in power, they deny it to others.—Harold A. Royer, Garkida, Nigeria.

Does it take "courage" to stick up for American principles?—Editor.

Asks If Farm Bureau Has Built Roads

To the Editor: The Farm Bureau director of Cherokee county ("Voice of the Farm," February 7), perhaps gets a slice of the gifts given the Farm Bureau.

In our county, the Farm Bureau is given $5,400 per year from the tax-payers' money.

It sponsors the Farm Service Company, selling petroleum products, paints, insurance, fertilizer, bottle gas, etc., paying no income taxes on profits.

Who would pay the taxes private businesses pay if they all operated as the Farm Bureau does?

Just how many miles of farm-to-market roads has the Farm Bureau paid for? — Ardent Reader, Fayette County, Iowa.

Co-op members, of course, say there are no profits on which to pay taxes. Whether co-op earnings are savings or profits always has been a good subject for argument.—Editor.

NEW! IMPROVED!

Innes CONSTANT POWER
Takes the drudgery out of tractor work. This attachment provides an independent and continuous operation of the power take-off shaft on John Deere A and B tractors. Full horse power of the tractor is taken direct from the fly wheel, through a gear box and clutch, and transmitted directly to the power take-off shaft. For any machine that is driven by your power take-off shaft.

Innes WINDROW FEEDER
Distributes windrow evenly along full length threshing cylinder; knocks it apart so it is fed evenly. One man can attach it. No extra power needed. Travel 1/3 faster, in 3d gear instead of 2nd. For any windrowed crop — especially the tough ones, like flax. Innes makes the only windrow feeder on the market.

Innes WINDROW PICK-UP
Patented piston action picks the entire windrow up gently, without shelling. Fingers retract on each turn of the rotor, automatically stripping themselves of weeds and vines. Light, and easy to attach. 38 models to fit any combine.

ALL INNES PRODUCTS ARE SHIPPED COMPLETE AND ARE EASY TO ATTACH
WRITE PORT HURON MACHINERY CO. DES MOINES, IOWA

Innes COMPANY
Bettendorf, Iowa

Here's The Sprayer You Want . .
KILL WEEDS - NOT CORN

$16 TO $60 MORE PER ACRE

"2,4-D for corn: Use a maximum of ½ pound 2,4-D (actual) per acre as one of the *salts* when corn is 10 to 20 inches tall. Use low volume of water applied from the side with one or two nozzles per row so as to wet corn leaves as little as possible. 2,4-D will control many weeds too near corn to be taken out by cultivation. Some growers spray and cultivate in one operation." *Page 21, March 1948 issue "Better Farming Methods," a famous scientific magazine published exclusively for County Agents, Vocational Agriculture Teachers, and other Agricultural Leaders.*

ONLY AUTOMATIC GIVES YOU:

1. **FLEXPOINT BOOM DROPS** point spray exactly where you want it, where it will do most good—kill weeds that suck moisture from corn . . . missed by cultivator . . . *apply spray from side below leaves.*
2. **TRICYCLE TANK UNIT** hinges rigidly on tractor, single castor wheel follows in tractor front wheels tracks—runs between corn rows—stays in position on hillsides—follows contours perfectly, turns at end of row without dragging corn down.
3. **MOUNT BOOM FRONT OR REAR**—lower or raise boom from tractor seat. Correct spray height on sloping land. Steady, sturdy, turnable on hillsides.
4. **ONLY PRACTICAL CORN BORER ATTACHMENT.** Spray over top — under side leaves.
5. **LOW COST TANKLESS UNIT AVAILABLE.** Starter unit as low as $87.50—add tank unit—boom extensions, etc., as needed.
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2-4-6-8 Rows

With an Automatic Sprayer you can safely spray corn as late as July. Use it for effective after-harvest spraying. Extra returns will far more than cover cost of equipment. You'll be money ahead every day you use an Automatic Sprayer.

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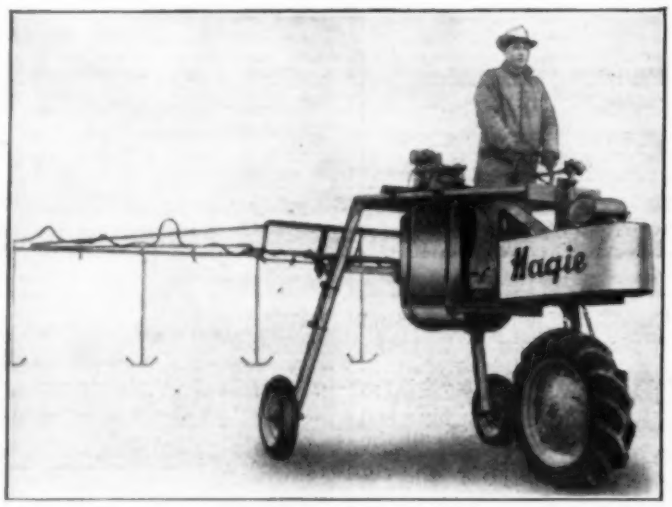
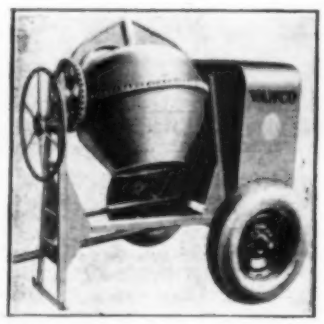


High Clearance for spraying in big corn is provided by this spray outfit. Boom is adjustable to height of over six feet. Corn can be sprayed from ground up. Said to be suitable for all kinds of spraying, including 2,4-D for weeds in corn and DDT for corn borers. Has its own power unit. The High Clearance Spray Carrier is made by the Hagie Mfg. Co.



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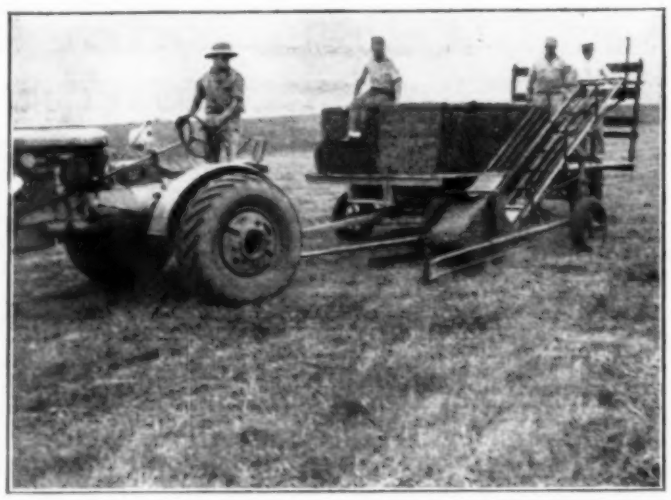
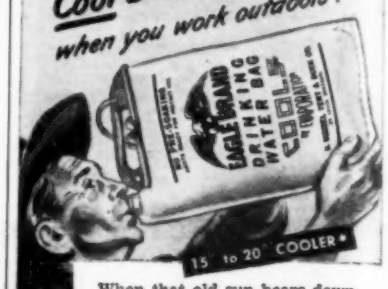
Spray Meter (left) shows volume of solution sprayed per acre at all times. Filter included. Fits most spray units. Always in view of operator. Made by the Mac Co.



Bale Loader is designed to pick bales up in field, no matter what position bale is in. Steering bar straightens bales. Loader is self-powered. Delivers bales at two heights—7 ft. 8 in. or 10 ft. 9 in. Reach is made to be drawn by tractor or truck. Spring tosses bales from bale deck over onto load. Conveyor is 24 in. wide. Made by the Meyer Manufacturing Company.

Enjoy Cool Drinking Water when you work outdoors!



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This year the average cost of each pig when farrowed is $5.88. Each pig represents more cost every day after farrowing. At weaning time a pig could well cost $7.88. What happens if "Necro" strikes the herd. Necro seldom kills quickly. The animals usually, but not always, scour, waste away and either live on as runts or finally die. In either case you have had a complete loss or worse. Most Necro can be avoided by giving preventive amounts of Master Medicated grain. As soon as pigs can eat give them Master Medicated grain 2 full days per week (or a little each morning). Do all you can to prevent that worst of all diseases, "Necro," from stealing all your profits and investment as well. Don't take chances. See your Master dealer at once or if no dealer near you send direct to Master Laboratories, P. O. Box 1135, Omaha 1, Nebraska, 1 gallon $4.50, 2 gallons $8.50, 3 gallons $12.50, 5 gallons $19.50, 10 gallons or more $37.50 or $3.75 per gallon. Order 1 gallon for every 20 pigs.

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BUY U. S. SECURITY BONDS

Livestock News

The Angus sale of John B. and Elliott Brown and families, Rose Hill, Iowa, at their El-Jon Farm, May 15, attracted the attention of the best cattle men from more than 22 states. The Brown families had a most successful sale, which they richly deserved. The top of the sale was Erima B. 16th, a beautiful October heifer by the great herd bull, Raona's Bardolier 3d, and sold for $9,300 to Dr. A. Hammer, for his Shadow Isle Farm, Red Bank, N. J. Evening Erica 38th, by the same sire, went to Dr. Hammer at $5,000. Blackcap Lassie B. 61st sold for $3,000 to Spring Haven Farm, Evansville, Ind. Queen of El-Jon 7th brought $3,000, and was secured by Greenmere Farm, Oaktown, Ind. Barbara Lassie 3d went at $2,500 to A. A. Seiling, Elmyra, Ontario, Canada. Barbara Lassie 33d was selected by M. H. Giesch, Parking, Ark., at $2,000. The top bull was Blackcap Bardolier B., and he was the favorite of many. He is a son of Raona's Bardolier 3d, and sold for $7,500 to Henry McCleary and John Soelen, Packwood, Iowa. Even Bardolier sold for $5,000 to John Patton, Earl Park, Ind. Edwin Bardolier was selected by Hugh Rock, Dixon, Iowa, at $2,550. The 13 heifers and five bulls by Raona's Bardolier 3d sold for $48,825, an average of $2,710 each, which indicates he is a genuine breeding bull. The 50 females averaged $1,226.50, with seven bulls at $2,593 each, and the 57 lots sold for $79,475, a general average of $1,394.30. They went to buyers in 13 states and Canada, and were distributed as follows: Iowa 17, Oklahoma 7, Arkansas 6, Michigan 5, Missouri 4, Indiana 4, New Jersey 3, Nebraska 2, Kansas 2, Ohio 2, Illinois 1, Kentucky 1, New York 1 and Canada 1. Auctioneers, Roy Johnston and Ray Sims.

The fifth annual Southeast Iowa Angus Breeders show and sale, Mt. Pleasant, Iowa, April 22, which was a rainy day, drew a fairly good attendance, and a successful sale was made. W. W. Kitchell, secretary, and Kenneth Redfern, president, deserve much credit for their faithful efforts and hard work helping to make the event successful. Otto G. Nobis, Davenport, Iowa, made the awards in a capable manner. The champion female, Elebur of Mahaska 5th, shown by J. C. Holbert, Washington, Iowa, sold for $725 to Dick Nobis, Davenport, Iowa. Echo of Walnut Grove 3d, shown by Ben Bowne, brought $325, and was purchased by Dick Nobis. The champion bull was Major of Walnut Grove 2d, from the Ben Bowne herd, and was selected by Carl Baker, Yarmouth, Iowa, at $460. The reserve champion, Elleenmere of W. 92d, was the favorite of many, and went for $500 to Glen Swanson, Morning Sun, Iowa. The top bull was Blackcap Baron Lad, from the Stanley C. Rodgers farm, and sold for $515 to Chas. Buser, Conesville, Iowa. Elba's Lad 16th, owned by Kenneth Redfern, was a choice bull and brought $500. He was purchased by Lysle W. Lenz, Oxford, Iowa. The 36 females averaged $287.20, with 20 bulls at $381.50 each, and the 56 lots sold for $17,825, a general average of $318.30. They were distributed as follows: Iowa 51, with three going over the line into Missouri and two to Illinois. Auctioneer, Ray Sims.

The Angus sale of J. M. Tudor, at the Glyn Mawr Farm, Olin, Iowa, May 18, brought out a large crowd of cattle men from many states. The top female was Miss Burgess P. 13th, by Eileenmere 190th, and sold for $6,100 to Shadow Isle Farm, Red Bank, N. J. Miss Burgess of Glyn Mawr 98th, a daughter of Burgess 101st, went to Shadow Isle at $3,200. Miss Burgess of Glyn Mawr 94th brought $3,000, and was purchased by Dee-L. V. Farm, Eden, N. Y. Imp Bartura 4th of Little Dean sold for $3,200 to Ox-Bow Ranch, Prairie City, Ore. The top bull was Burgess 206th, by Burgess 101st, and was bought by Wm. Hansen & Sons, of Dixon, Iowa. Bardolier Earl sold for $1,000 to R. M. Miller, Mabel, Minn. The 49 females averaged $1,070, with seven bulls at $720 each, and the 56 lots sold for $57,445, a general average of $1,026. They went to buyers in 17 states, distributed as follows: Iowa 14, Wisconsin 2, New Jersey 6, California 7, Missouri 4, Oregon 4, Texas 4, Oklahoma 3, Ohio 3, New York 2, Nebraska 1, Minnesota 1, Illinois 1, Indiana 1, Kentucky 1, Maryland 1 and Mississippi 1. Auctioneers Johnston and James.

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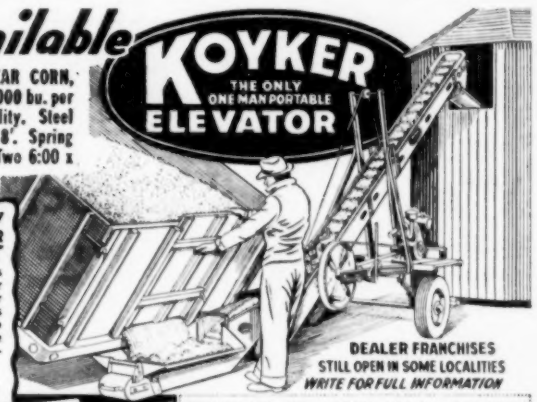

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"Cattle Correct for Your Needs at—

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80 Money-Making Shorthorns

25 Impressive Herd Bulls — 55 Choice Females

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Auctioneer, J. E. Halsey

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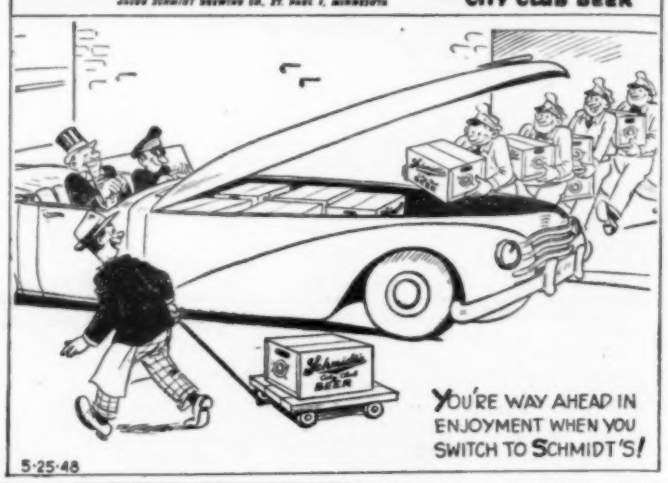


LIVESTOCK NEWS

The Page County Aberdeen Angus sale at Clarinda, Iowa, on April 28, drew a very large crowd, and there was a splendid lot of cattle to offer the buyers.. Sixteen bulls were sold at an average of $404 per head, and 48 females at $333. The 64 head made an average of $350. The top bull was General of Pagemere M. F. 2d, consigned by the Pagemere Angus Farms, and he went to Huntoon & Robertson, Winterset, Iowa, at $685. The top cow was Ebony's Erica 43d, also consigned by the Pagemere Angus Farms, and she went to Harold J. Stimson, Essex, Iowa, at $800. This same firm sold 21 head at an average of $456. The second highest bull came from the same firm, and he went to A. B. Herzberg, of Clarinda, Iowa, at $590. Alvin Sunderman, Clarinda, Iowa, sold 10 head at an average of $339. R. J. Teachout sold four head at an average of $261, and Lawrence Varley sold five head at an average of $345. Among the better buyers who purchased bulls were Harley Ferber, Greenfield, Iowa, who bought General of Pagemere M. F. at $550; A. B. Herzberg, Clarinda, Iowa, who bought General 4th of Pagemere J. F. at $590; J. M. Boggess, Villisca, Iowa, who bought General of Pagemere L. F. 7th at $435; Victor A. Tawan, Diagonal, Iowa, who bought General of Pagemere L. F. 9th at $320; Albert Danker, Jefferson City, who bought bull No. 7 at $425, and A. T. Horel, Blanchard, Iowa, who bought cow No. 8 at $485. Harold J. Stimpson, Essex, Iowa, secured a fine cow in Juara Erica 41st at $450, and Ben Gerker got cow No. 12 at $400. Ernest Brower, Glenwood, Iowa, secured No. 18, a Blackcap cow, at $490, and Dr. J. E. Undel, Hastings, Neb., got the cow, Miss Burgess of Pagemere 2d, at $575. O. H. Steeve & Son sold five nice, well bred and very choice young heifers at an average of $315 per head. Lawrence Varley sold a nice quality bull calf to Otto Schaeffer, Nehawka, Neb., at $350, and another nice young heifer brought $390. R. J. Teachout & Son, Shenandoah, Iowa, took the Jesse L. Thurmond Evergreen Erica S. 5th cow, with calf at foot, for $400. Seven head went to Missouri buyers, three to Nebraska, and the balance to Iowa buyers. A few of the offering could have carried a trifle more flesh, but on the whole it was a splendid offering of Angus cattle. Cols. Ray J. Johnston and Roy Sims did the selling.

The Marion County Angus breeders reached a top of $1,100 in their sale on April 26 at Knoxville, Iowa. A large crowd of active bidders made possible a $607 average on the 10 bulls consigned. The $1,100 figure was reached when Eddie Parker & Son, Bussey, Iowa, paid that price for the good two-year-old son of Bell Boy A. 7th, consigned by J. M. Davis & Sons, Knoxville, Iowa. Walter Snyder, also of Knoxville, gave $1,000 for the good entry of Ray Dyer's. Roy A. Ritter & Son, Reasnor, Iowa, paid $700 for the two-year-old heifer, Juara of Buena C., consigned by Ray H. Cline & Son. The $700 figure was again reached in the female division when Scott Cummings, Malcolm, Iowa, paid that for the two-year-old daughter of Envoy of Elsa, consigned by Ott and John Emerson. Charles Pitman, Pleasantville, Iowa, gave $550 for the Elsa Erica cow, selling with a heifer calf at foot, consigned by Hicks & Banks. The 41 females sold for an average of $361, which made a general average of $411 on the 54 lots. All the cattle sold to Iowa buyers except one bull, which went to Missouri. Herbert Cline, the congenial secretary, had all the presale details well arranged. Roy Johnston and Ray Sims sold the offering.

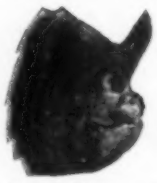
The Warren County Aberdeen Angus sale was held at Indianola, Iowa, April 23, with a splendid crowd of buyers, and they sold 12 bulls at an average of $479.60, with a top of $675 on No. 12, consigned by Fred J. Van Zouk, Milo, Iowa, and he went to J. E. Crouse, Elston, Iowa, at $675. Three bulls brought $600 each. They were No. 7, consigned by Ed Hullinger & Son, went to Arnold D. Jensen, Audubon, Iowa; No. 9, consigned by Earl Lohr, went to O. J. Hadley, Brady, Neb., and No. 10, another Lohr bull, went to Frank Trotter, Milo, Iowa. The three Spear bulls went to A. L. Borts & Son, Indianola, Iowa, at $550; V. H. Sloninger, Cambridge, Iowa, at $300, and Leon Smith & Son, Indianola, Iowa, at $425. No. 48 went to Gilbert & Gray, State Center, Iowa, at $490, and No. 47 to Boyd Black, Norwalk Iowa, at $470. The top female was Edifice of Glenside 15th, and she went to A. L. Betts & Son at $400. These breeders had a nice offering of cattle, and they sold well.

The Eastern Iowa Holstein Breeders sale, Wellman, Iowa, April 7, was most successful. Breeders presented a splendid offering, and a large crowd attended the sale. The top bull, a Maplecrest entry, sold for $365 to Clarence Stonerock. The second top was from the Amana Society and was bought by Fred Thatcher for $340. The top female brought $550 and the second top $510. Both were consigned by Arnold Heithusen and were secured by Victor Mueller, Lone Tree, Iowa, and Howard Fountain, Iowa City, Iowa, respectively. The 32 females, including calves, averaged $300. The 29 grade cows made $258 each. The sale totaled $17,600.

OPPORTUNITY

BERKSHIRE SALE

At farm, on Highway 60, 2½ miles south of



EAGLE GROVE, IOWA

(Night Sale) JUNE 21, 1948

85 HEAD — 30 BRED SOWS, 5 BOARS, 50 SPRING PIGS

An opportunity for those desiring to increase their hog profits. 30 bred fall gilts and junior yearling sows for August farrow. Featuring the get and services of such outstanding boars as **IOWA LAD**, **POST WAR**, **THE BOMBER**, and **THE ROCKET**. Included in the great boar offering will be the 1947 second Champion, **POST WAR**. The 50 spring pigs are large, thrifty, fast gaining, and will return a quick profit to the buyers. Plan now to attend. Ask for **FREE** catalog, mentioning this paper.

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A cordial invitation is extended to attend the field day at the farm during the afternoon. Junior judging contest with substantial prizes. Fun for all.

SOUTH CENTRAL

IOWA ANGUS ASSN.

At Southern Iowa Fair Grounds

Oskaloosa, Iowa
Tuesday, June 15, 1948

SHOW—9:00 A. M. SALE—12:30 P. M.

65 HEAD — 16 Choice Bulls — 49 Excellent Females

This is an excellent offering selected from 26 of the best herds in this District, where good **Aberdeen-Angus** cattle are produced. The bulls are ready for service, they are well grown, rugged, pleasing type and desirable quality by good herd sires and will make herd bulls. The females are a beautiful lot, excellent type, merit and quality. A few choice young cows close to calving, choice bred heifers mated to top herd sires and a great lot of open heifers, ideal age to mate to your herd bull. The consignors are:

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ELJON FARMS	Rose Hill	S. T. YATES & SON	Sigourney
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CLYDE A. HANNA	New Sharon	JOE DEAN WELLS	Bloomfield
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The families are **MISS BURGESS**, (several are **MAID OF BUMMERS**), **McHENRY BARBARA, BLACKCAP, BLACKBIRD, ERICA** and other fashionable tribes . . . nothing finer. Some of the greatest sires known to the breed are well represented. They are by top herd sires and mated to outstanding herd bulls. Pedigrees with quality cattle that will please. A class of cattle that should help work breed improvement. All **T. B.** and **BANGS** tested. Plan now to attend. Ask for **FREE** catalog. Please mention this publication. Address

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Complete Dispersion Sale

of the

David's Valley Farm's Herd

ANGUS CATTLE

To be held at the Atlantic Auction Sale Barn, on the Cass County Fair Grounds at

Atlantic, Iowa
June 14, 1948

52 HEAD — 6 BULLS, 46 COWS AND HEIFERS

This herd was established eight or nine years ago by the late E. J. Baker, who built up one of the best herds in western Iowa. In laying the foundation for this herd he bought the best herd bull and the best bred females that were to be had at that time, and he really bought the good ones and the very best families. Here is a place where some real bargains will be offered, and we urge the breeders and farmers who are wanting Angus cattle to attend this sale, because they will be well repaid for their attendance at this dispersion. There will be 62 head, including their present herd bull, **BELL ERIMORE E.** 7877294, a 1944 son of Erimore E., who traces to Bell Boy M. K., and on the dam side to Black Bardolier 24 and Bandolier of Anoka. This bull has been a splendid breeding bull in this herd and has left some splendid cattle, both in bulls and females. There will be two outstanding young bulls by Imp. Kuban of Thorn, and two more bulls by Burgess Bar II. Fred Roberts, one of our well known Angus breeders, is selling two very choice bulls in this sale. There will be 46 females in this offering, including all their breeding cows, some with calves at foot and as good a lot of heifers as have been sold this spring. The cattle will not be in show shape but they will be in nice breeding condition. Somebody needing some good heifers or some good breeding cows will find some real bargains in this offering. To those we urge your attendance at this sale. **KENTRIDGE FARM** offers 3 excellent bulls, two sons of **KUBAN OF THORN** and one by **BURGESS BAR 11th.** Real prospects for herd bulls; see them sale day. You can get a copy of this catalog by writing

WAYLAND HOPLEY, Manager, ATLANTIC, IOWA

and please mention Wallaces Farmer and Iowa Homestead when writing for catalog. The sale starts promptly at 12 o'clock.

Mrs. Bertha M. Baker and John Headlee, Admrs., Exira, Iowa

Col. Roy Johnston, Auctioneer M. T. White, Fieldman

Livestock News

The Eastern Iowa Angus sale, on the evening of May 17, at Maquoketa, Iowa, filled the pavilion to capacity. Oliver A. Hanson, secretary, worked hard to make the event successful, and deserves much credit for the good sale. The top bull, Elba's General of Valor, owned by Orval Dahms, sold for $1,500 to Woodbar Farm, Rockford, Ill. Erica Elbamar E. B. A. went for $1,000 to Raymond Worth and Ed Mycett, Baldwin, Iowa. One of the top females was Barbara of Wilton 16th, owned by Otto Nobis, and sold for $1,000 to Southside Stock Farm, Rockbridge, Ill. Miss Burgess 257th, owned by John Kile, brought $1,000, and was secured by Lloyd Guyer, Maquoketa, Iowa. The 13 bulls averaged $625, with 41 females at $398.60, and the 54 lots at a general average of $453.50. They went to buyers in six states, distributed as follows: Iowa 40, Illinois 9, Texas 2, Nebraska 1, Kansas 1, and Mississippi 1. Auctioneer, Ray Sims.

The Fiftieth Anniversary sale of Aberdeen Angus cattle of Otto V. Battles, Maquoketa, Iowa, May 17, brought out one of the largest crowds of cattle men ever to attend a sale. The top was Queen of Rosemere 403d, and sold for $6,200 to A. H. Schmidt, Kansas City, Mo. Blackcap of Rosemere 204th sold for $3,500 to Ellerslee Farm, Charlottesville, Va. The top bull was Blackmere 262d, selling at $2 750 to Marvin Simpson, Robert Lee, Texas. Queenmere 428th went to Olson Bros., Wyanet, Ill., for $2,600. The 41 females averaged $1,568, with nine bulls at $1,522, and the 50 lots at a general average of $1,559. They went to buyers in 17 states, namely: Iowa, Wisconsin, Illinois, Missouri, Kansas, Michigan, Ohio, Indiana, Texas, Nevada, Louisiana, Mississippi, New Jersey, Kentucky, Virginia, Georgia and Oklahoma.

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GENUINE ENGLISH SHEPHERD PUPS
Guaranteed heelers. Year's trial, training instructions. Males, females or spayed females.
HIGHVIEW KENNELS, CEDAR FALLS, IOWA

Purebred Border Collies English Shepherds
America's most useful dogs. Puppies all ages. Both sexes. Choice colors. Faithful workers. Satisfaction guaranteed.
We breed and sell our own stock.
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BEST YET
ENGLISH SHEPHERD PUPS
Guaranteed to bring home the cows. Year's trial. Choice of sex. Spayed females a specialty. Priced right.
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SHEPHERDS, COLLIES
ENGLISH SHEPHERD, OR COLLIE PUPS for watch and stock. Also registered Scotch collies. Reasonable.
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GENUINE ENGLISH SHEPHERD PUPS
(Heelers, no fooling.) (Year's trial.) Guaranteed. Training instructions. Males, females, spayed females specialty. (Several partly trained.)
EMIL RUMFT
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WANTED TO BUY
Good English Shepherd or Collie Pups
Write Box 1, Wallaces' Farmer and Iowa Homestead

2ND ANNUAL

ALL-AMERICAN CORRIEDALE

SHOW AND SALE

To be held at

Cedar Rapids, Iowa

July 9th & 10th

50 Stud Rams 125 Stud Ewes

Tops from **31** leading flocks in America. Real quality and excellent breeding. For Hotel Reservations and the **FREE** catalog, write, and please mention this publication.

R. M. SMITH, Sale Mgr.
Cantril, Iowa

100 HEAD PUREBRED

Hampshires

at Fair Grounds

MASON CITY, IOWA
MONDAY, JUNE 21st
Night Sale—8:00 P. M.

Choice fall gilts, off-belted purebred **HAMPSHIRES.** The **100** head are by good sires, pleasing type and quality and mated to splendid boars to farrow late **JUNE** and **JULY.** Will be sold in lots from **3** to **5** head, bred to farrow about the same time. Entire offering **BANGS** tested within **30** days of sale. Plan to come. Ask for **FREE** information. Address

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NORTH CENTRAL IOWA HAMPSHIRE BREEDERS

JERSEY AUCTION!

Waterloo Dairy Cattle Congress

WATERLOO, IOWA, JUNE 9
12:30 P. M.
60 HEAD

with 40 consigned by **IOWA JERSEY CATTLE CLUB MEMBERS** strictly **TOP QUALITY** ideal for foundation purpose. **11** head, Complete **DISPERSAL** of **RALPH L. BOWERS ESTATE,** Arlington, Iowa, and include 4 cows from Ralph L. Smith Farm, Chillicothe, Mo., and other top cows he had bought for foundation purposes. A choice offering. Many Calfhood Vaccinated. All **T.B.** and **BANGS** tested. **YOU CAN'T AFFORD TO MISS IT.** Sale sponsored by

Iowa Jersey Cattle Club

IVAN N. GATES, Sale Mgr., WEST LIBERTY, IOWA

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Advertisement

From where I sit ... by Joe Marsh

Pampered Farmers

If the folks in our town were less tolerant, they'd be really burned up over that nationally circulated article all about "pampered farmers," describing them as living like kings off the fat of the land.

From where I sit the farmer is anything but "pampered." If he's better off today than he was twenty years ago it's because he's worked long and hard to improve the quality and quantity of his production.

Take Bert Childers, for example. Bert is up at four in the morning, to get the milking finished—and ploughing or harvesting, depending on the season, until sundown. In the evening he finally relaxes with the missus over a moderate glass of beer.

And the farmer today's not only *temperate* in his habits, like Bert's evening glass of beer . . . but *tolerant* in his opinions. So he'll probably say of that article, "somebody got the facts wrong," and just let it go at that.

Joe Marsh

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IOWA'S LEADING SHORTHORN BREEDERS

EDELLYN MARINE MERCURY

A grand cow herd headed by great sires

Edellyn Marine Mercury

sire of top selling cattle and

Edellyn Royal Leader 29th

Public Sale, September 22d

Write us your wants. Reasonable.

P. A. RASMUSSEN & SONS
Goldfield, Iowa

GOLDEN RULE FARMS

"The Home of Goldfinders"

Herd bulls, **GOLD ACCENT, DOUBLE GOLDFINDER** and **KILLEARN MONORACH 29th.** Our female herd of **GOLDFINDER** breeding . . . the blood that made Shorthorns famous. **SALE OCTOBER 2d,** at farm. Ask for for **FREE** catalog. Visitors always welcome.

HOLZ BROS.
Rippey, Iowa, or Grand Junction, Iowa

GOLDFINDER'S CHAMPION

Outstanding herd, headed by

GOLDFINDER'S CHAMPION

International Champion. Good bulls and females offered.

CLAUSEN BROS. **SPENCER, IOWA**

COVERDALE SHORTHORNS

Headed by **PETER THE GREAT,** a choice son of Calrossie Prince Peter (Imp.). For sale, **FOOTPRINT LEADER** 2480264, red, June, 1947, by **KLAMOR FOOTPRINT,** Dam **KLAYMOR QUEEN AUGUSTA** 2223136, bred by W. J. Russell. A real son of Klamor Footprint. Reason for selling, have a choice son of **PITTODRIE UPRIGHT** coming along. Act **NOW.**

R. E. COVERDALE **DELMAR, IOWA**

Improve your herd with a top son of

Prince William (Imp.)

a sire of Champions. Young stock for sale.

PRINCE WILLIAM (Imp.)

BEN G. STUDER **WESLEY, IOWA**

MORLUNDA PRINCE PETER

by Calrossie Prince Peter (Imp.) heads our herd. Families, Claras, Broadhooks, Golden Chains, Nonpareils, Victoria, etc. Farm 10 miles west of Carroll on Highway No. 30.

H. R. LEITING ARCADIA, IOWA

Cumberlands and Ransoms

Home of the above and families are Augusta, Gipsy Maid, Rosewood and others. Two good bulls and a few cows offered.

JOHN SAUNDERS & SON, MANILLA, IOWA

Breamor Starry Archer 9th

by Millhill Starry Archer (Imp.) sire of Congress Champion heads our herd. Two bulls by him. Reasonable. See them.

WILL A. DAVIS & SON, OAKLAND, IOWA

Pleasing Type — Quality

Outstanding small herd of grand bred cows, herd sire **BLYTHWOOD NATIONAL COMMAND.** Write me for shorthorns.

MARTIN LUINSTRA, HARRIS, IOWA

EXCELLENT FEMALES

Twelve choice bred and open heifers. Some mated to **PRINCE PETER** our Sioux Empire Champion. Good young bulls offered, real type and quality. Reasonable.

RALPH HELLINGA, HARRIS, IOWA

QUALITY BULLS

A few young bulls of excellent type and pedigree. Our new herd sire, **Don Hill Royal Leader 12th,** is being assisted by **Beathton Commander.**

M. W. SMITH PAULLINA, IOWA

DESIRABLE BULLS

by our herd bull CURTISS CANDY MERCURY 2d, a son of Edellyn Peerless Mercury, 1945 Denver Grand Champion. Priced reasonable.

GEORGE FANNING, GILMORE CITY, IOWA
FLOYD FANNING, NEMAHA, IOWA

DESIRABLE BULLS

Including one outstanding two-year-old, **DON HILL ROYAL LEADER 9th** is now at the head of our good cow herd

ROGER WALKER & SONS, PAULLINA, IOWA

Choice Scotch Shorthorn Bulls

We are offering six very choice bulls for sale, of serviceable age, roans and reds, sired by Marellbar Endeavor and Gleoburn Imperial. Farm just west of town. Write or come. Phone 2312.

OTTO A. SCHRANK & SONS, DANBURY, IOWA

Metz Bros., Holstein, Iowa

Breeders of high class Shorthorn cattle. Two high class herd bulls at the head of herd. When wanting Shorthorns come and see us. Visitors always welcome.

Forsythe Farms Shorthorns

Herd Bulls—**Ideal Renown** by OAC Ransom 23d, **Don Hill Mercury 22d,** he by Dr. Donohoe's noted Mercury bull. Something to sell all the time. Come and see us.

BOCHMAN BROS. HOLSTEIN, IOWA

QUALITY SCOTCH SHORTHORNS

Herd sires, **VILLAGER COMMANDER** and a good son of **SILVER COIN** (Imp.). Two excellent dark red breeding bulls. For sale, a roan bull, 11 months old, by **Supreme Nuggett.** Also a few young heifers. **COME.**

MRS. E. A. GUNN IOWA FALLS, IOWA

SEVEN OUTSTANDING

SHORTHORN BULLS

Serviceable age, including three polled bulls by Shadybrook Sensation 45th. Type and quality second to none. Priced to sell.

OTTO F. SCHUNK & SONS, MAPLETON, IA.

Sni-A-Bar Regal Mercury

A son of Edellyn Cameron Mercury and a brother to Sni-A-Bar Crested International Champion, heads our herd. A choice young bull for sale.

DANIEL E. BOWER & SON, MASSENA, IOWA

BAMPTON MAJOR (Imp.) sire of 1947 Iowa Reserve Grand Champion bull. Note type, depth and thickness.

Quality SHORTHORNS

by **BAMPTON MAJOR** (Imp.) sire of champions.

Sale Oct. 30th

Make application early for **FREE** catalog.

Young stock for sale. Visit farm.

HELFRED FARM, R. 6, Des Moines, Iowa
F. W. Hubbell, Owner. Chas. Garden, Mgr.

MONDAMIN SHORTHORNS

Herd bulls in service
MARELLBAR IAN (Imp.) and
CRUGGELTON PROUD PRINCE (Imp.)

Good ones, richly bred. One of the best herds in Iowa, representing leading families. The best bulls and females on the farm we have ever produced. Cattle for sale. Visitors always welcome. Come.

HELD BROS. HINTON, IOWA

PERRY O. BROWN & SON
LAMONI, IOWA

Breeder of strictly high class Scotch Shorthorns. Our herd bulls are **VICTOR'S MANDATE,** a son of Haigler's Victor 2d and **NEWALLYN ROSEWOOD KING** by Newallyn Crocus King. Families: Rosewoods, Augustas, Claras, Princess Royals. Will have some outstanding club steers for sale this fall. Visitors always welcome.

SPREADING ELM SHORTHORNS

VILLAGE VICTORIA 44TH

A grand herd, well-bred, pleasing in type and quality, headed by a great sire **GOLDFINDER EMBLEM,** sire of a top female at International. Write us.

DEWAR BROS., CHEROKEE, IOWA

PRINCE PETER MARINE

Son of the Great Prince Peter of Caraway & Sons of DeLeon, Texas, is proving to be a great sire. We are getting the right type uniform calves. Visitors are cordially invited to see our stock.

Lloyd F. Burr & Son, Lone Tree, Iowa

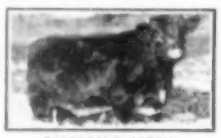
HIGH-CLASS SHORTHORNS

Choice young herd bull prospects by my sire

Edellyn Clipper Mercury

a sire of top cattle. You will like them. Priced to sell. Come. Visit the farm.

Clyde Palmer **Harris, Iowa**


SCOTSDALE BARON

A large herd headed by

SCOTSDALE BARON
(Imp. in Dam)
and
SCOTSDALE ADMIRATION

Young stock for sale

SWANSON BROS. **ESTHERVILLE, IOWA**

GOOD YOUNG BULLS

by **Will-A-Dell Gold Plate,** a son of Gold Nugget and our other bull is **ICENI COMMODORE** (Imp.) by Calrossie Randolph. Dark red and roan calves approaching serviceable age.

H. K. OWENS HOMESTEAD, IOWA

POLLED SHORTHORNS

Polled Shorthorn Bulls

Two choice red calves by RED OAK SENSATION, sire of state sale champions for past 3 years, and best pair of females at recent National Congress.

R. E. PHILLIPS, RED OAK, IOWA

E. P. Laughlin, Imogene, Iowa

Forty years breeding the leading families in Polled Shorthorns, and selling the best cattle. Bulls in service, Collynie Express, a son of Collynie Comfort at head of herd and Masterpiece, by Coronet Memory, International winner. Come and see us.

Polled Shorthorn Bulls

Sired by Coronet Royalist 4124397. Dams Scotch topped. Bulls born from January 22, 1947, to June. Color red.

A. L. DUNHAM & SON DUNLAP, IOWA

Polled Shorthorn Bulls

Fine choice bulls for sale by **CLEARVIEW GOLDSPUR,** a son of Stardale. Prices to sell. Write, come or phone Bloomfield, Iowa. **6-F-13.**

PHILLIP JOHNSON & SONS, ONAWA, IOWA

POLLED SHORTHORN BULLS

Choice quality, rich breeding. Reasonable. Phone, wire, or write

VERNON CENTER A. HANSON MINNESOTA

MILKING SHORTHORNS

MILKING SHORTHORNS

Choice bulls and females, desirable quality. Ruth R. blood lines with 21,641 lbs. milk and 956.7 lbs. butterfat. Reasonable.

NAAB BROTHERS LAWLER, IOWA

PEERLESS AND BELLE VERNON HERD
of

MILKING SHORTHORNS

Because of ill health, retiring to smaller farm. Will sell nearly all the herd. **Bulls** 2 to 14 months old. **Females** 2 months to mature cows. Best of **Bates, Clay** and **Imported** English families, with highest milking ancestry possible to obtain. **Priced to sell.** Also **White Collie** Puppies, guaranteed natural heelers.

JOHN LOGSDON, Mgr. **DECORAH, IOWA**

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BOLSON'S FEEDS ALWAYS GOOD!

Sold Only by Reliable Dealers

The **L.C.BOLSON Co.**

A NAME YOU CAN TRUST IN FEEDS!

DECORAH, IOWA.

LIVESTOCK FOR SALE

Grey Percheron Stallion. Foaled July 15, 1938. Proved Sire of Laet breeding. Thick, drafty, heavy boned, good feet. Height 16:2, weight 1,925 pounds. Priced reasonably.

Dairy Bulls

Two to eight months of age. Holstein, Guernsey, Jersey, Brown Swiss and Ayrshire breeds.

ANIMAL HUSBANDRY DEPARTMENT
Iowa State College **Ames, Iowa**

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Successful sales for leading breeders, lifetime experience with Livestock. Apply early, as I am busy during season. Rates reasonable. Telephone Residence 7-3645: Business 3-6181.

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THE STEVENS AUCTION SCHOOL

Next term begins Monday, August 16th. A proven complete auction training. Best in the U.S.A.

Learn to sell by selling. We have the school—we have the crowds. For information address

STEVENS AUCTION SCHOOL
Box 606 **Rippey, Greene Co., Iowa**

DAIRY CATTLE

HOLSTEIN AND GUERNSEY

HEIFERS

All ages. Some bred. Good breeding. Sold on approval.

JAMES E. WELCH MUKWONAGO, WIS.

CHOICE HEIFER CALVES

Month old from Wisconsin's high producing cows. Holsteins and Guernseys.

OAKLAND DAIRY FARM
GREENWALD BROS. MUKWONAGO, WIS.

WISCONSIN HOLSTEINS

and Brown Swiss Heifer Calves. Registered and unregistered. Many from 500 lb. dams. All sired by Reg. bulls. All over 5 weeks and weaned. Milk unnecessary. Shipped on approval. Write or visit us.

J. M. McFARLAND WATERTOWN, WIS.

GUERNSEY AND HOLSTEIN HEIFER CALVES

Good, strong, carefully selected Guernsey or Holstein heifer calves, purebred, not registered. $40 on express car, older calves $45. 10 to 35 delivered by truck to your farm on approval. Also a few Brown Swiss calves.

H. R. LORDELL MUKWONAGO, WIS.

HOLSTEIN BULLS

Choice registered bulls by outstanding sires. Dams Classified with Records of more than 500 lbs. fat 2X M.E. REASONABLE.

JOHN CREGER, Mgr.
HILANE FARM WAUKEE, IOWA

HOLSTEINS — GUERNSEYS

Heifer calves, about month old. Top quality Holsteins or Guernseys, 4 for $155.00, delivered. All charges prepaid by us. Will ship C.O.D.

CHANDLER FARM LAKE GENEVA, WIS.

AYRSHIRES—GUERNSEYS

Very choice Ayrshire dairy heifers. $35 and upward. Also a few Guernseys.

JONES CATTLE AGENCY
208 S. Main St. Elmira, New York

JERSEYS

JERSEY BULLS

Registered bull calves. Every calf from a good cow. Herd averaged 420 lbs. butterfat per cow for 13 years. Herd free T.B. and Bangs

J. J. NEWLIN
Polk County Johnston, Iowa

JERSEY BULL CALVES

Several choice Registered bull calves now, with Dam production of **500 lbs. B. F.** and up. Herd Average **536 lbs.** Classification Ave. **86.17.** No **Sunday** business.

EVERETTE DAVIS, CRAWFORDSVILLE, IOWA

ABERDEEN ANGUS

JOHNSON'S ANGUS BARGAINS

I am offering 10 very choice Aberdeen Angus bulls for sale, and one 2-year-old. I will also sell some very choice heifers, and some good bred cows. If interested write or come and see me. Address

ELMER J. JOHNSON **KIRON, IOWA**

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14 ANGUS BULLS FOR SALE

I am now offering 14 nice Aberdeen Angus bulls for sale, sired by Blackcap Bandolier F., a Blackcap bull sired by Eline's Bandolier. Ages from 8 to 15 months. These are good individuals, well bred, and will make good herd bulls. Write or come and see them. Address

JOHN H. FITCH **LAKE CITY, IOWA**

BUILD A BETTER INCOME WITH

GUERNSEYS

There's always a ready market for quality Guernsey offspring . . . a constant demand for premium-priced GOLDEN GUERNSEY Milk. Send for helpful, illustrated booklet, "Breeding Guernsey Cattle". It's FREE!

THE AMERICAN GUERNSEY CATTLE CLUB
846 Grove Street, Peterborough, N. H.

HEREFORDS

REG. HEREFORD BULLS

12 Bulls from 10 mo. to 30 mo. old. Sons of W.H.R. Triumph Domino 79th. These are the low down, thick, blocky type. Come and see. Priced to sell.

CHARLES AMOS, R. 1, INDIANOLA, IOWA

GRABNER HEREFORDS

Bulls, 9 to 13 months, sired by

ROYAL DUKE 13th

Top quality and popular blood lines.

JOS. T. GRABNER & SON BREDA, IOWA

MINNESOTA NO. 1 HOGS

Minnesota No. 1 Hogs

Fall boars ready for service.
Weanling gilts and boars.

BOYT REALTY COMPANY
Box 1355-K Des Moines, Iowa
Phone 3-4189

MINNESOTA NO. 1

Weanlings, Registered **BOARS** and **GILTS.** Select your **No. 1** from Iowa's largest breeder. They are the get of a sire which for 2 years was used in the development of the breed at Minnesota North Central Experiment Stations. They are a trim, thrifty, fast-growing hog that will please the particular herdsman. **BANGS FREE HERD.** Farm 11 miles north of Webster City. Phone 403.

CLARENCE HILDEBRAND
Woolstock, Iowa

HEREFORD HOGS

HEREFORD HOGS

NEW! DIFFERENT! DISTINCTIVE MARKINGS
SHIPPED C.O.D. YOUR APPROVAL
FREE CIRCULAR
VALEHURST FARMS, PEORIA, ILL.

YORKSHIRES

YORKSHIRE HOGS

"The Lean-meat Post-war Breed"

Bred gilts, pigs, unrelated boars. Illustrated circular.

YALEHURST YORKSHIRE FARM
PEORIA, ILLINOIS

PUREBRED

YORKSHIRE HOGS

Registered Breeding Stock of All Ages for Sale.

PORTER & SON ELDRIDGE, IOWA
8 miles north of Davenport

BERKSHIRES

GOOD, THICK, LOW-SET

FALL BERKSHIRE BOARS

Vaccinated and Reasonable.

WHITE SPOT FARM
Phone 247 J. P. Lannan, Mgr.
WEST POINT, NEBRASKA

HAMPSHIRES

SKOW'S STOCK FARM

Registered Hampshire fall boars from **CONSCRIPTION MODEL** and **BLENDER** bred dams and sired by **BRIGHT FLIER,** a son of All-American Bright Boy, others by a son of **SUPREME NEWS BOY.** Reasonable.

JOSEPH A. SKOW **WESLEY, IOWA**

SHEEP

Suffolks — Lincolns — Cotswolds

The world's greatest breeds for cross breeding—more mutton—more wool. Booking orders for fall delivery.

CRANDELL'S PRIZE STOCK FARMS
ITHACA, MICHIGAN

FOXES

Wanted to Buy
WILD RED FOX CUBS
Highest Prices

ERDAHL FOX FARM BLUE EARTH, MINN.

FEED BOW-KEY FEED
DES MOINES · · · · · IOWA.

CASTRATING KNIFE
ELIMINATES DULL KNIVES - DANGEROUS RAZOR BLADES - REDUCES - LOSSES
SOLID ALUMINUM 6-HEXAGON HANDLE
HOLDS INTERCHANGEABLE BLADES TIGHT
KEEN HEAVY GAUGE SURGICAL STEEL BLADES - EXTRA BLADES 10¢ EACH
HANDLE AND 10 BLADES $2.00 POST PAID
SATISFACTION GUARANTEED
McFARLAND PRODUCTS, ALEXIS ILL.

Buy More Bonds

Coming Livestock Sales

ABERDEEN ANGUS

June 14—Dispersion Sale, Mrs. E. J. Baker, Extra, Iowa; sale at Atlantic, Iowa; Wayland Hopley, Mgr.
June 15—South-Central Iowa Assn., Oskaloosa, Iowa; Clyde A. Hanna, Secy., New Sharon, Iowa.
Oct. 18—Central Illinois Breeders, Congerville, Ill.; Simon E. Lantz, Secy.
Oct. 20—Central Iowa Breeders, Marshalltown, Iowa; Clair G. Mason, Mgr., Marshalltown, Iowa.
Oct. 22—Mercer County Breeders, Aledo, Ill.; Hugh McWhorter, Secy.
Oct. 24—Dispersion, Johnston Bros., Galva, Ill.
Oct. 13—Interstate Aberdeen Angus Breeders Association, Sioux City, Iowa; P. K. Pratt, Secy., Walnut, Iowa.

HEREFORDS

Oct. 21—J. E. McBride, Columbus Jct., Iowa.
Oct. 26—Wiese Bros., Donohoe, Iowa.
Oct. 12—Reed-Hayden-Granfield Sale, at Creston, Iowa; T. M. Hayden, Mgr., Creston, Iowa.
Oct. 16—Southeast Iowa Breeders, Mt. Pleasant, Iowa; N. K. Hartley, Secy., Hillsboro, Iowa.
Oct. 26—Circle A Hereford Farm, Morris, Ill.

SHORTHORNS

June 5—Merryvale Farm, Grandview, Mo., and Mgr. Merv. Aegerter, Sale Mgr., Seward, Neb.
June 7—Ebellyn Farm, Wilson, Ill.
June 11—Minnesota State Sale, Blue Earth, Minn.; N. T. Findahl, Pres., Waterville, Minn.
June 18—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
H
Oct. 13—Southwest Iowa Breeders Show and Sale, Red Oak, Iowa; Malcolm D. Loma, Mgr.
Oct. 20—Fred Gugisburg, Renwick, Iowa, and P. A. Rasmussen & Sons, Goldfield, Iowa; Merv. Aegerter, Mgr., Seward, Neb.
Oct. 27—Marshall County Breeders, Marshalltown, Iowa; Geo. H. Lewis, Mgr.
Oct. 28—R. C. Roeser & Sons, Salisbury, Mo.; sale at Chillicothe, Mo.
Oct. 2—Holz Bros., Rippey, Iowa.
Oct. 4—Northwest Missouri Breeders, Rockport, Mo.; Jim Shaver, Secy., Maryville, Mo.
Oct. 6—Gilbert Kardel, Walcott, Iowa; Penningsfeld Bros., Wellman, Iowa, and Carlton Reed, Bellevue, Iowa; sale at Walcott, Iowa.
Oct. 8—Ted Whitford & Sons, Volga, Iowa; S. Davis & Son, Wadena, Iowa; Fred Rothlisberger & Son, Elgin, Iowa.
Oct. 12—Dispersion, Blotz Bros., Dodgeville, Wis.; Hal Longley, Sale Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 21—Glenn Bacon, Parkersburg, Iowa; sale at Waterloo, Iowa; Merv. Aegerter, Mgr., Seward, Neb.
Oct. 22—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 29—George Struve & Sons, Manning, Iowa.
Nov. 30—Helfred Farms, Des Moines, Iowa.

POLLED SHORTHORNS

June 9—South Dakota Breeders Sale, Madison, S. D.; Eric H. Thormodsgaard, Mgr., Hudson, S. D.
Oct. 5—Sioux Empire Polled Shorthorn Club, Gregory, S. D.; John F. White, Secy.
Oct. 11—Iowa Polled Shorthorn Club, Des Moines, Iowa; Earl S. Girton, Secy., Marshalltown, Iowa.
Oct. 23—Illinois Polled Shorthorn Breeders, Princeton, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 25—Missouri Polled Breeders, Sedalia, Mo.; E. J. F. Early, Secy., Lexington, Mo.

MILKING SHORTHORNS

Nov. 27—Southeastern Iowa Milking Shorthorn Sale, Cedar Rapids, Iowa; A. R. Chilton, Sale Mgr., Sigourney, Iowa.
Nov. 28—Iowa Milking Shorthorn Breeders, Waterloo, Iowa; Harry Clampitt, Mgr., New Providence, Iowa.

DAIRY CATTLE

June 9—Iowa State Jersey Sale; Dispersion of Ralph L. Bower Estate; Ivan N. Gates, Mgr., West Liberty, Iowa.
June 9—Iowa State Dairy Sale, Waterloo, Iowa; Ivan N. Gates, Mgr., West Liberty, Iowa.
June 12—Wood Acres Jersey Dispersal, Marion, Iowa; Ivan N. Gates, Mgr., West Liberty, Iowa.
Sept. 22—Iowa Brown Swiss Assn., Waterloo, Iowa.
Oct. 12—Southeastern Iowa Holstein Breeders, Wellman, Iowa; Clark Gingerich, Mgr.
Oct. 18—Iowa Holstein Breeders Assn. Sale, Waterloo, Iowa; Dallas V. McGinnis, Secy., 912 Waterloo Bldg., Waterloo, Iowa.

STOCKER AND FEEDER CATTLE

Nov. 9—Harold Strand & Sons, Manly, Iowa.

BERKSHIRES

June 21—Night Sale, Hi-View Farm, Eagle Grove, Iowa.

HAMPSHIRES

July 29—North-Central Iowa Hampshire Breeders, Mason City, Iowa; Gilbert Bohn, Mgr., Chapin, Iowa.
Oct. 7—H. W. Jones & Son, Ute, Iowa.

POLAND CHINAS

Oct. 5—C. W. Crees, Bayard, Iowa.

SPOTTED POLAND CHINAS

Oct. 16—Night Sale, Harvey C. Larsen, Elk Horn, Iowa.

SHEEP

July 9-10—All-American Corriedale Sheep Show and Sale, Cedar Rapids, Iowa; R. M. Smith, Sale Mgr., Carroll, Iowa.

LIVESTOCK FIELDMEN

M. T. WHITE, 604 No. Fortieth St., Omaha, Nebraska. Phone Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines.
M. W. BONEY, Box 740, Storm Lake, Iowa; Phone 970-R.

We publish the FIRST and THIRD Saturday of every month. Copy for livestock advertising must reach our office FIFTEEN days before date of issue.

Livestock News

The fifth annual South-Central Iowa Shorthorn Breeders show and sale of Shorthorns and Polled Shorthorns, at the fair grounds in Knoxville, Iowa, May 24, brought out a large attendance. The sale was under the management of Walter L. Brown. Bill Anderson made the awards in a most capable manner. The champion bull was Piper's Cardinal, owned by Ralph Stringham, Earlham, Iowa, and sold for $400 to J. C. Holbert. The reserve champion was Helfred National, from the F. W. Hubbell herd, and brought $360, going to Geo. Houlett, St. Charles, Iowa. The top bull was Roan Admiral, owned by T. D. Nyswonger, Indianola, Iowa, and sold for $610 to Francis Putz, Lacona, Iowa. Prestice 7th, from the A. P. Lyon herd, sold for $480. Herjadon Mountaineer, from the C. L. Ress farm, brought $470. J. R. Brooks & Sons and S. B. Hudson & Son, offered some choice young Polled Shorthorn bulls. Highland New Era, from the Hudson herd, sold for $495. The 12 polled bulls, mostly about a year old, averaged $300. The champion female was Farmingham Secret 14th, from the F. W. Hubbell farm, and brought $400. She was purchased by Willard McGregor, Beaznor, Iowa. Rosewood of Millvale 2d, owned by Ted W. Miles, was reserve, and sold for $400 to Helfred Farm, of Des Moines, Iowa. The 35 bulls averaged $311, with 22 females at $250 and the 56 lots at a general average of $286. All went to Iowa buyers except one, which went to Missouri. Auctioneer, J. E. Halsey.

Around the Farm AND IN THE Feed Lot

by HOWARD MARSHALL

CORN AND SOYBEAN planting certainly went a lot better this year than in the spring of '47, and small grains really look a lot more promising. Most of our spring rains were made to order for timeliness and for saturation into the thirsty soil. In fact, if the good start could be maintained so far as the Weather Man goes, we ought to have quite a corn crop this year.

IF WE DO HAVE a good corn crop in 1948, it wil be decidedly all right with most everybody, and especially with the livestock producer and the housewife who ultimately will buy that meat. Farmers breeding for more fall pigs may possibly find themselves in a favorable position, for, with cattle numbers on the down grade since 1945, hogs appear to be the best bet for holding up meat output.

WALNUT GROVE MINERALS for livestock have been manufactured in Atlantic, Iowa, for 30 years. Quality of these minerals from inception on has constantly been stressed, so today Walnut Grove ranks at the top of the field in mineral feeds. Quality will continue to be our watchword. Some of our customers in Mitchell county, Iowa, who believe in Walnut Grove quality, are Cliff McKee, Arnold and Roy Wilde, brothers on two farms, Earl and Alvin Sprung, brothers on two farms, Dave Mathas and E. O. Dahly. These men are serviced by our representative, George Schrader, of Osage.

JUNE DAIRY MONTH is here again. All over the nation, farmers and food handlers are putting forth special efforts to stress the value of dairy products. In Iowa and in other states, a special butter-fat tax is charged part of this month to raise funds for dairy advertising. Milk, butter, ice cream and cheese are exceedingly important and healthful foods, and the welfare of some five million dairy farmers depends in part on their acceptance.

OMAHA LIVESTOCK Exchange officials recently paid a well deserved tribute to 40 veteran livestock shippers. A recognition banquet by the Omaha Chamber of Commerce honored stockmen who have sent thousands of tons of livestock to the Nebraska market 50 years or more. Special recognition went to Mill Markman, Bennington, Neb.; Marion Evans, Emerson, Iowa, and Phil Zweibel, Fort Crook, Neb., all of whom started shipping to Omaha back in 1884.

IN ONE OF THE FINEST farming sections in the state of Iowa, in Sioux county, in northwestern Iowa, where good farming and splendid livestock go hand in hand, Walnut Grove Minerals have become a favorite livestock feed. Among our many users in this territory, we find D. L. Mitchell, John Schuller, Henry Huitink, John L. Mouw, James C. DeBoer, Dick Van Der Linder and Elmer Frankie. This business is handled for us by a long-time representative in that territory, Herman Addink, of Sioux Center.

THE PACKING-HOUSE STRIKE saw all sorts of angles designed to focus attention on the seriousness of the marketing problem. One such expression was by a disgruntled northern Iowa farmer, who sent President Truman a 600-pound hog, along with a note saying feeding costs were prohibitive. At the same time, striking workers, many of whom were also unhappy about the length of the strike, offered Mr. Truman the services of two skilled butchers to take care of the White House gift porker.

CONGRATULATIONS to Iowa's new "Star FFA Farmer," Dale Hoover, 17-year-old Oskaloosa, Iowa, farm youth. Dale is a real livestock farmer in his own right. He has nine ewes, two purebred dairy cows, six stands of bees, and, with his father, is interested in hogs. Congratulations also to the 1000 other Iowa Future Farmers participating in their recent convention, where they "Do As They Learn."

HYBRID HOGS have been an interesting subject of discussion among stockmen for several years now—but it was not until recent weeks that measurable results could be reported. Word from the USDA experimental farm near Beltsville, Md., last month, told the hybrids with Danish Landrace-Poland China-Chester White crossings averaged 12 per cent heavier at birth, 9 per cent heavier at 56 days and 14 per cent heavier at 140 days.

THE BOYS on the C. C. Rusk farm, near Webster City, Iowa, must be pretty good at judging hogs. Recently, when Rusk was confined to a hospital and heavyweight hogs were getting less valuable each day, Forrest and Duane Rusk decided to ship 44 head. They cut them into two lots of 22 and sold them on successive days. Each lot weighed exactly the same to the pound, and with no price change those two days, received exactly the same return, to the penny.

EVER SINCE the making of Walnut Grove Minerals began, over 30 years ago, the policy to make a mineral that would fit into any kind of livestock feeding plan has never changed. Customers who feed Walnut Grove are enthusiastic about it, because it fits into any kind of feeding plan. In central Iowa, in parts of Tama, Marshall and Grundy counties, we have customers Henry Horstman, Carl Deubo, F. L. Doud & Son, Perry Drury, J. T. McCubbin, Mathews & Parker and Ray Connell. Our representative here, who has looked after this business many, many years, is Lawrence Hibbs, of Albion.

THE FEEDER CATTLE picture continues to be disturbing. Heavy demand for feeder stock has driven prices even well above those of a year ago. There is more than a little question about how well cattle feeders will come out on the deal. Perhaps it's a little like the Ames economist who said: "It all depends on whether or not we have further inflation—and, if so, how much.

AN ILLINOIS FARM WIFE became a real heroine recently. After an enraged bull had knocked her husband down, fracturing his leg and causing other injuries, Mrs. Charles Jaggers, of near Matamora, Ill., grabbed the animal's nose ring and hung on for over an hour's time while her husband crawled to a neighbor for help. Fortunately, both she and her husband recovered from the ordeal, but it's another example of the need for a safe bull pen.

WEANING TIME is a critical period for pigs. Too often, farmers wean pigs too young. We think 8 to 10 weeks is the best weaning age, but if the pigs are of varying ages, as on so many farms, it is best to wean litters separately. We also suggest taking the sows from the pigs, rather than vice-versa, because leaving pigs in familiar haunts helps them get used to their new life.

AS THIS GOES to press, many spring pigs will be weaned, or on the verge of being weaned. Walnut Grove Minerals can play a very important part in feeding pigs at this age. Men who see that their pigs have plenty of Walnut Grove at this time in Sac county include, among many others, Anton Ziegman, E. T. Stiles, Glen Eldridge, Herman Winterhof, August Salmonson, Oscar and Ernest Olson, brothers on two farms. This business is handled for us by our representative in that territory, Albert Huldeen, of Odebolt.

PIGS APPARENTLY have no respect for police uniforms. Recently, Des Moines police officers received a frantic call from a lady who complained bitterly about a hog tearing up her flower bed. Two patrolmen set out to take care of the matter—but the porker had other ideas. Finally, however, the cops won out, loading the Duroc in their squad car, and placing him in a pen—pig pen, that is—pending settlement to cover damage to uniforms.

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Livestock News

The 65th Marshall county Shorthorn auction, at Marshalltown, Iowa, May 25, under the able management of Geo. H. Lewis, was most successful. The top bull, Evergreen Ransom 46th, sold for $500 to McElroy Bros., Rippey, Iowa. Major Footprint, consigned by W. E. Ruffcorn, sold for $420 to Henry Humphrey, Albion, Iowa. Merry Waverly, owned by John Lang, went at $475 to W. W. Strutkoff, Ackley, Iowa. Augusta's Archer 2d sold for $400 to Cliff Metz, Brooklyn, Iowa. The top female was Village Maid 2d, and pair of calves, owned by L. H. Gerke. She sold for $475 to Ray Barnum, Marshalltown, Iowa. Emma 11th, from the Kenneth Fankhauser herd, sold for $405 to Edw. Byczek, Mt. Pleasant, Iowa. Mr. Fankhauser sold several cows, with large calves sold separately but figured as one lot each. The 25 bulls averaged $329 and the 29 females $321 each, with the 54 lots selling at a general average of $325. All went to Iowa buyers except one to a Missouri buyer. Auctioneer, Clarl Mason.

The first annual sale of Angus cattle made by Dr. Frank H. Rose, Albany, Mo., and M. L. McCray, Maysville, Mo., was held at Maryville, Mo., May 10, and was one of the best that has been made this spring. They had an excellent lot of cattle; in fact, far better than the buyers were expecting, and they sold 64 head at an average of $465. Twelve of the top bulls made an average of $575, with a top on No. 6, to Ben Jones Stock Farm, Parnell, Mo., at $850. The second top bull was No. 10, at $700, to H. C. Doolin, Albany, Mo. No. 2 went to Wilber Lynch, Maloy, Iowa, at $625, and No. 3 to the same buyer at $500. No. 11 went to K. E. Thrasher & Son, Bolckow, Mo., at $600, and No. 5 to C. C. Wallingford, Dearborne, Mo., at $670. Al Catterson, Maryville, Mo., took No. 1 at $590, and No. 9 went to U. J. Goerker, Clarinda, Iowa, at $400. The top cow was Miss Burgess of Rosemoor, and she went to Penny & James, Hamilton, Mo., at $1,750. The second top cow was taken by Maryerest Farms, Maloy, Iowa, at $1,000. Mike Cochrane, Green City, Mo., took No. 23 at $785, and No. 18 went to Maryerest Farms at $700. No. 28, a Lady Maid Miss Burgess, went to Wilbur Cole, of Bethany, Mo., at $850, and Frank McKinney took No. 18, a richly-bred Juanerra, at $700. The total of the entire sale was $29,760. The cattle were in nice condition, not fat, but in the kind of shape that a lot of buyers like. Cole.

The fifth Iowa State Guernsey sale, at Des Moines, Iowa, April 30, brought out a large attendance. Bill Hitz, secretary, worked hard to make the event successful. The top female was Skyline Challenger's Cordelia, and sold for $1,050 to Frank Mackey, Mukwonga, Wis. Boulder Bridge Verity, from Boulder Bridge Farm, sold for $1,000 to Harry Reese & Son, Prescott, Iowa. Finmar Coronation Ada, owned by C. B. Finley, Grimes, Iowa, a choice July heifer, sold for $600 to Clyde Bender, Downey, Iowa. The top bull was McDonald Farms King Marvin, and went at $850 to Fort Dodge Dairy, Fort Dodge, Iowa. Wethersfield Shipmate sold for $600 to Clarence Smith, Primghar, Iowa. Foremost D. Taurus was the favorite of many, and was selected by Truman Gingerich, of Parnell, Iowa, at $550. The 14 4-H heifers sold to club members in Iowa averaged $271, with six bulls in the sale making $540 each, and the 46 females, including several heifers, averaged $425.

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	Page
Dairy Equipment Literature	14-29-40
Fertilizer Booklet	16
Post Hole Digger Information	19
Sprayer Information	20-22-27-29-41
Canning Booklet	21
Wagon Literature	22-41
Power Mower & Weed Cutter Information	23-25-27
Grain Mill Literature	23
Silage Information	23-40
Salt for Livestock Feeding Booklet	23
Dynamite Information	24
Hoist Literature	25-42-39
Weed Killer Information	26-27
Livestock Remedies Booklet	27
Farm Rod Folder	27
Brass Fittings	29
Grain Mover Literature	29
Tractor Parts Catalog	29
Niagara Cave Guide Booklet	29
Ice Cream Tablets and Recipes	33
Medical Booklet	33-37-40
Poultry Literature	36
Prefabricated Buildings	37
Corn Crib Literature	38
Ensilage and Hay Cutter Literature	38
Round Worm Expeller for Hogs Booklet	39
Yard Equipment	39
Hydraulic Scoop Information	39
Corn Borer Bulletin	40
Farm Equipment Information	41
Sweeprakes Folder	42
Vacation Guide Booklet	43
Portable Elevator Information	43
Mineral Feed Booklet	47

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